

Commercial-Vehicles

Customised solutions of the highest quality

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The EMKA Group



EMKA Headquarters

Velbert, Germany



As a global supplier, EMKA has emerged as the world leader in the development, engineering and design of modular closing systems for industrial sheet metal and composite enclosures, cabinets, panels and switch gears.

The production engineering of approx. 18,000 components is concentrated in 8 international locations.

The international marketing organisation is formed of 44 own subsidiaries and agencies. Thus, EMKA disposes of excellent

knowledge of market and product requirements.

With sales, marketing and engineering teams throughout the world, EMKA's advanced product offering along with our technological resources provides customers, with solutions which address local as well as global requirements.

Manufacturing expertise and efficient resource allocation are corner stones shared by all EMKA production facilities.





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Pull	12F-560	Window rubber profile	12F-2660
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Experience guarantees quality



Tell us your requirements:

We can provide solutions in plastic injection molding, zinc die castings, aluminum die casting, aluminum forgings, steel and stainless steel etc.

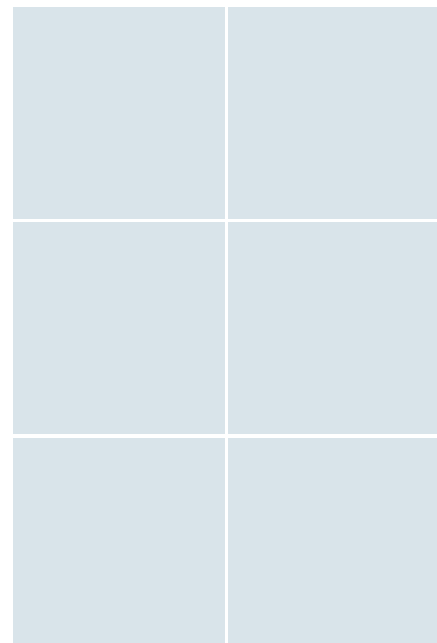
The excellent manufacturing expertise within the EMKA group forms the basis for the high quality standards and customer-specific developments. EMKA offers a wide range of products with the highest delivery from our own production.

Due to its high manufacturing depth EMKA controls the entire manufacturing process from product development to assembly mounting. Custom products are developed through our own engineering departments. Powerful tools support the entire process.



Market leadership by:

- Development and design of new products at the highest level with Pro/E and CATIA V5
- Process development for mass production of up to 2 million functional units/year.
- In-house production of our products including high quality galvanic coatings and subsequent installation/assemblies.
- Delivery "just-in-time" directly to the assembly line (automobile)
- Securing highest quality and function in accordance to the specifications of the automotive industry





Manufacturing technology provided from one source



Development engineering

- CAD based product development
- 3D Collision and Functional checks control
- design models and functional prototypes

Tool and mould manufacture

- highly qualified staff
- ultra modern EDM machinery
- close proximity of engineering and production

Zinc die casting technology

- more than 50 die casting machines (20 t – 315 t)
- Production of different elements with a weight of up to 2.500 g

Aluminium die casting technology

- 9 die casting machines (200 t - 1,100 t)
- Making various parts up to 15 kg (33 lbs).

Aluminium forging technology

- Screw press (800 t pressing force)
- Production of different elements with a weight up to 1.000 g
- Machining technology

- 30 CNC milling machines, lathes, and transfer machines
- capability to produce cross-holes, hexagons etc.

Friction welding

- Friction welding machine KUKA RS 20
- Connecting of homogeneous and different materials for a rotational symmetry of the welding sections

Bending, punching, and stamping machines

- more than 40 bending, punching, and stamping machines (up to 250 t)
- Processing of steel, stainless steel, aluminium or brass

Processing of all Thermoplastics

- approx. 50 injection moulding machines (30 t - 550 t)
- Use of all types of thermoplastics
Extrusion of rubber and thermoplastics
- 4 lines for salt bath extrusion, 4 lines for UHF and 3 lines for extrusion of thermoplastics
- Production of various profiles and materials
- All types of processing

Seal technology (foam-in-place)

- Automatic application of captive seals protection class up to IP 66

Surface coating

- 4 zones for preprocessing, pulverising and branding in a single manufacturing line
- approx. 1,000,000 pcs/month capacity

Window manufacturing

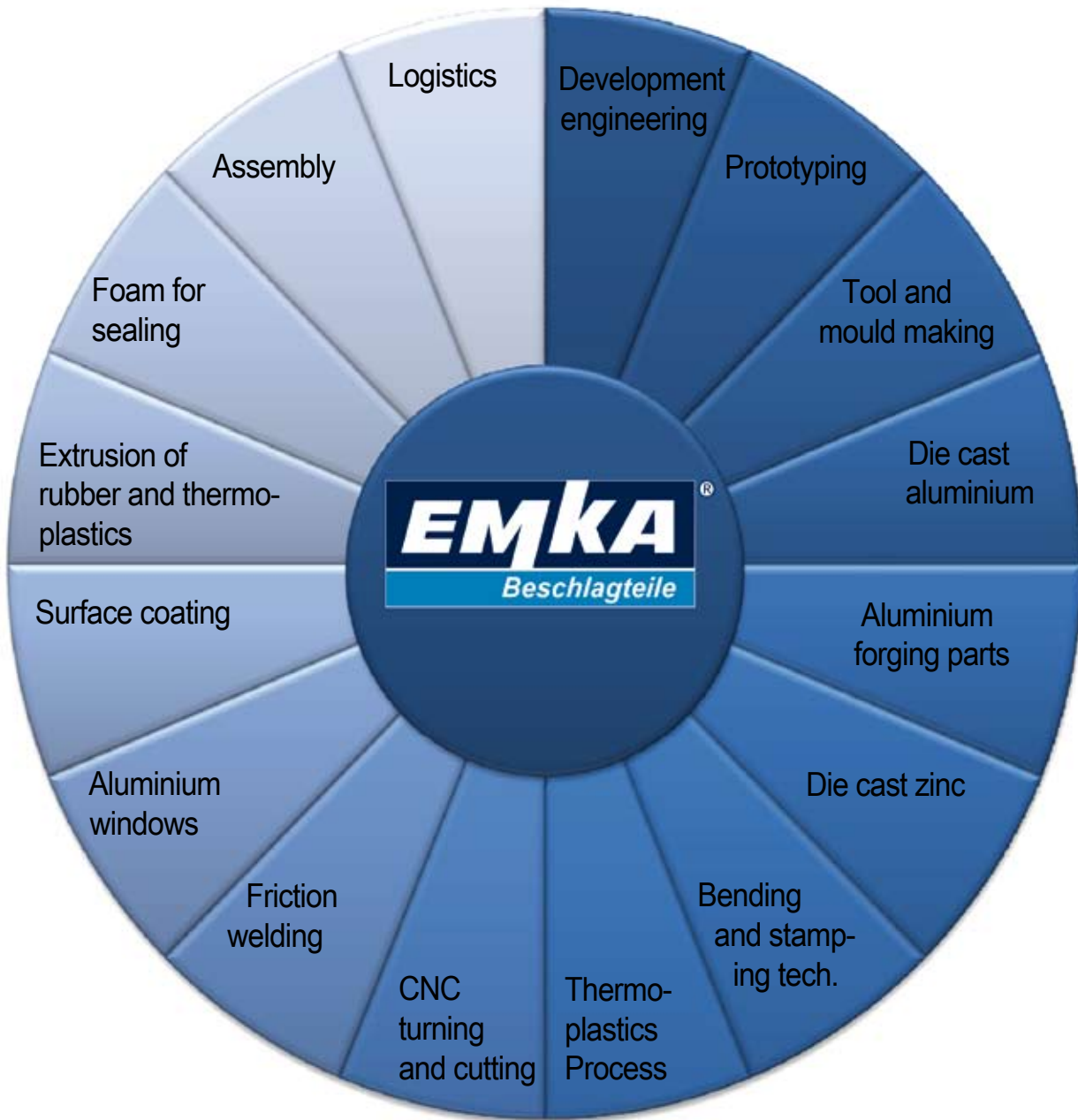
- Custom-made production of window elements and door elements
- with or without frames

Assembly

- Automatic assembly
- component manufacturing



All from one source



EMKA Beschlagteile GmbH & Co. KG supplies worldwide systems technology and vendor parts:

Mechanical and electronic locking systems, hinges, gaskets, aluminium windows and various accessories.

The vertical range of manufacture enables EMKA the manufacturing of the high-quality products. Benefit from the competence and flexibility of our international manufacturing plants in Europe and China.

The spectrum ranges from the development to the series supply of a completely new series product.

Furthermore, EMKA offers the construction, production, repair and maintenance of forming, punching and bending tools.



Production sites: International



The EMKA Group:

design, engineering, manufacturing

Headquarters: Velbert, D;
other manufacturing plants Wuppertal, D • Bourré, Henriville, F •
Gorazde, BIH • Arnedo, SP • Birmingham, GB • Tianjin, CN

The various production processes are spread across EMKA's manufacturing centres in line with economic and logistic considerations. With 8 manufacturing plants, producing more than 18,000 modular components, the ability to address specific needs is unmatched.



The EMKA group is present in more than 60 countries worldwide:

- 8 production facilities
- approx. 43 subsidiaries / agencies
- approx. 1.350 employees worldwide (2012)

Certifications for quality and environmental management:

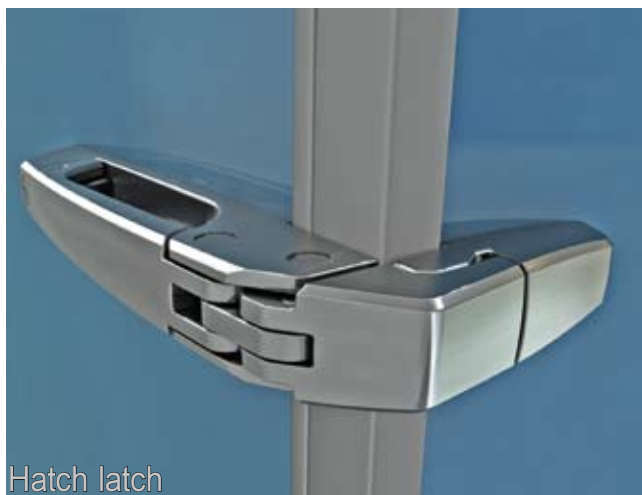
- DIN EN ISO 9001
- DIN EN ISO 14001
- VDA 6 part 1 (ILS)
- ISO/TS 16949 (Sealing Systems)





System solutions in metal and plastic for the

System-
Examples



Hatch latch



Hinge stainless
steel



Horse Box outside lock



Horse Box internal lock

We find for
you a suitable
solution

References

Audi	Happich
BMW	Hella
Böckmann	Hymer
Busch-Jäger	Karman
Concorde	Kiekert
Dethleffs	Land Rover
Dyn. Nobel	MAN
Euramax	Siemens VDO
EVOBUS	Volkswagen



commercial vehicle industry



Interior release



Swinging door lock



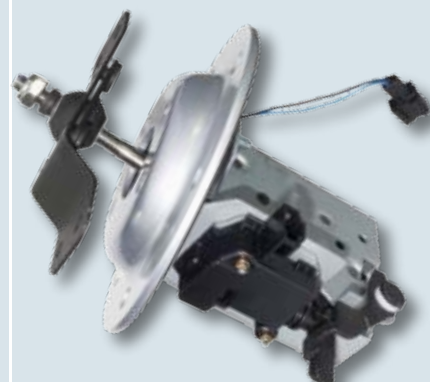
buffers



Ferrari shift gate



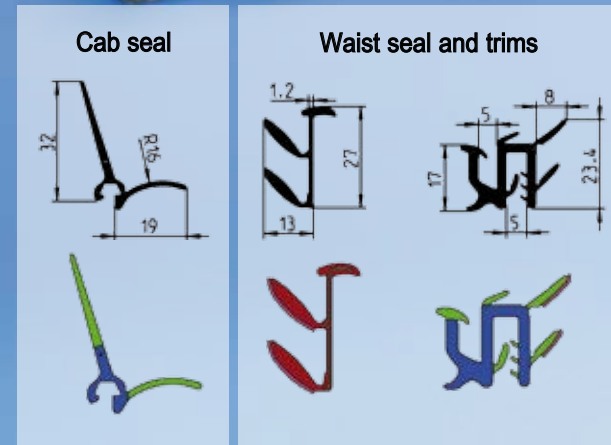
Retractable loop



Spare tyre carrier lock VW Touareg



Solutions and Applications for Electrical industry,



Stamping and bending machine
Stretch bending

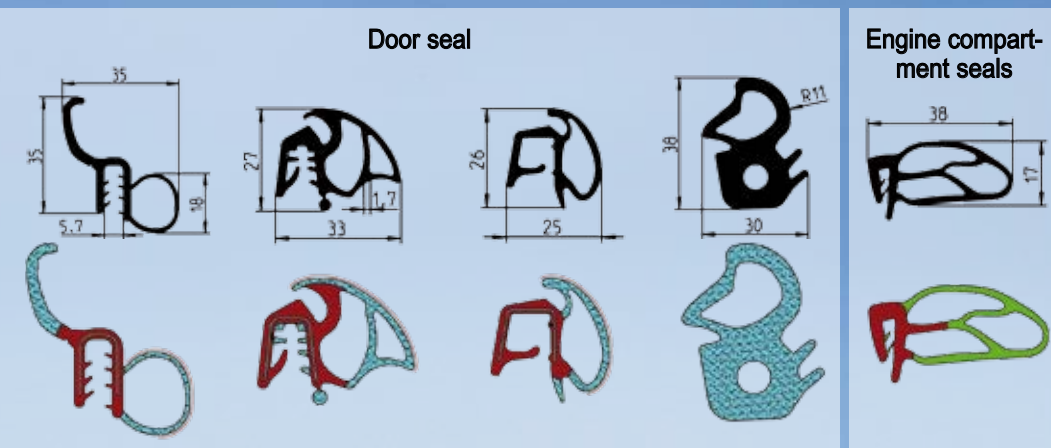


Mechanical engineering, HVAC and Automotive



Product program

- Sealing section
- Rubber profile
- Edge-protection
- Closed cell sponge rubber
- Moulded rubber parts
- Plastic profiles

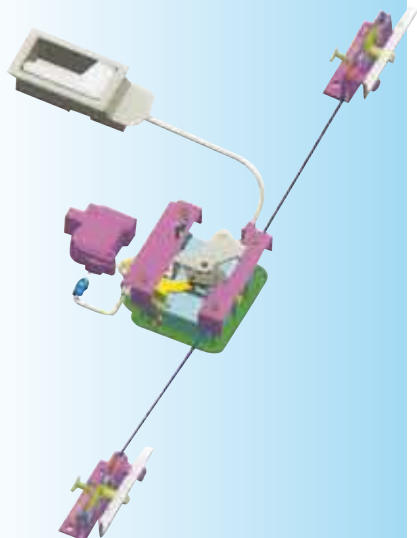


Vulcanised corner

Vulcanised ring

Door locking system: Rotary latch lock PROGRAM 2004

CATIA system image



A door locking system

Technology

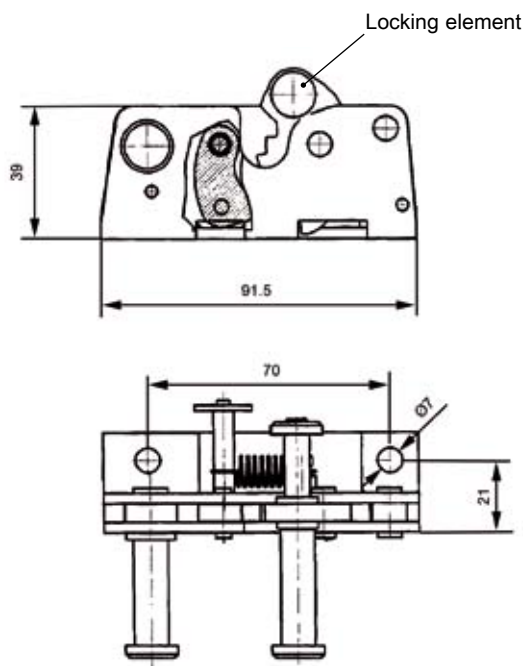
- M1 tested locking system, according to EU specification 70/387
- 2 rotary latch locks to be positioned freely, hence double security
- Automotive interior door release, zinc die chrome plated, can be positioned freely
- Breakup assurance by exterior handle with freewheel clutch
- Exterior lock designed for different locking systems
- Emergency opening from the interior

Handling

- ergonomically designed actuators
- specially smooth-running operation
- low closing force, hence very quiet
- with central locking, comfortable and secure

Versions

- colours as per request
- also available as M1 tested locking system with rotary latch locks
- Interior door release with galvanized surface in Alu-Look
- for cylinder, compatible with POS cylinder 9850 (see catalog sheet 12F-225)
- optional without central locking



Further parts see page

- Inside handle 12F-111
- Exterior lock 12F-111

Rotary latch lock zinc plated, with spring

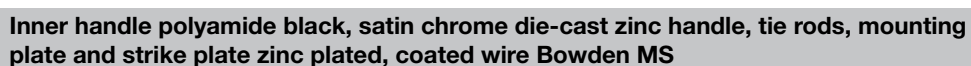
right, as drawn	2004-B8036
left mirror image	2004-B8031

12F-110

PROGRAM 2004, 5177



2004-B8811



5177-U200-AA

5177-U201-AA



- Inside handle see below
- Rotary latch lock 12F-110

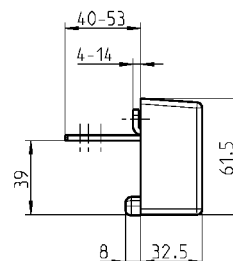
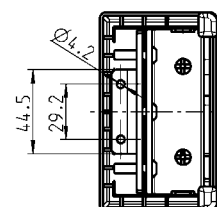
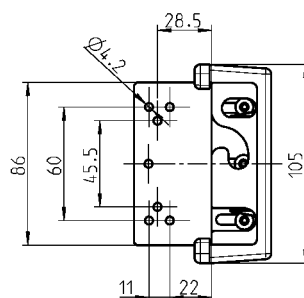
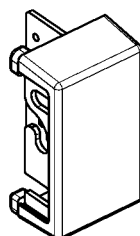
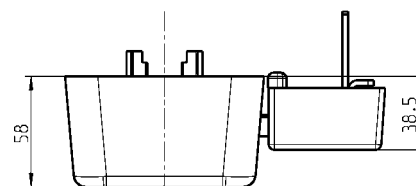
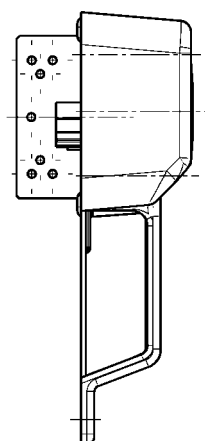
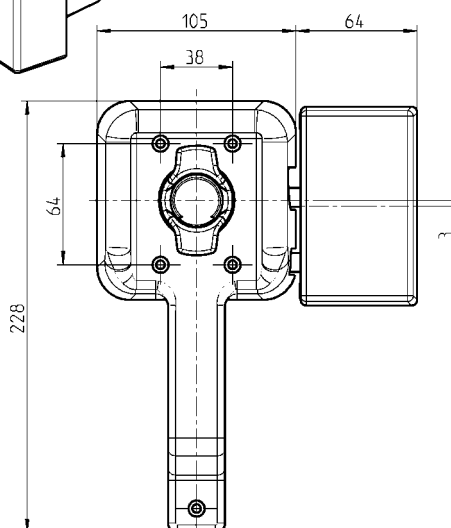
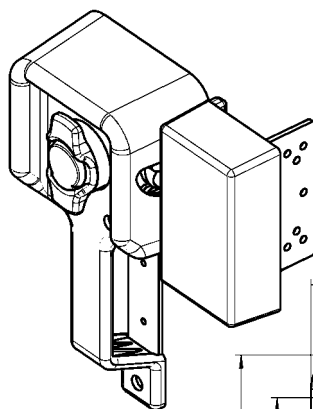


Also available in other colours

Further parts see page

- Rotary latch lock 12F-110
- Exterior lock see above

12F-111



- according to Euro-Norm 70/387 EWG
- available in different colours and for different wall thicknesses

Further parts see page
– Exterior lock

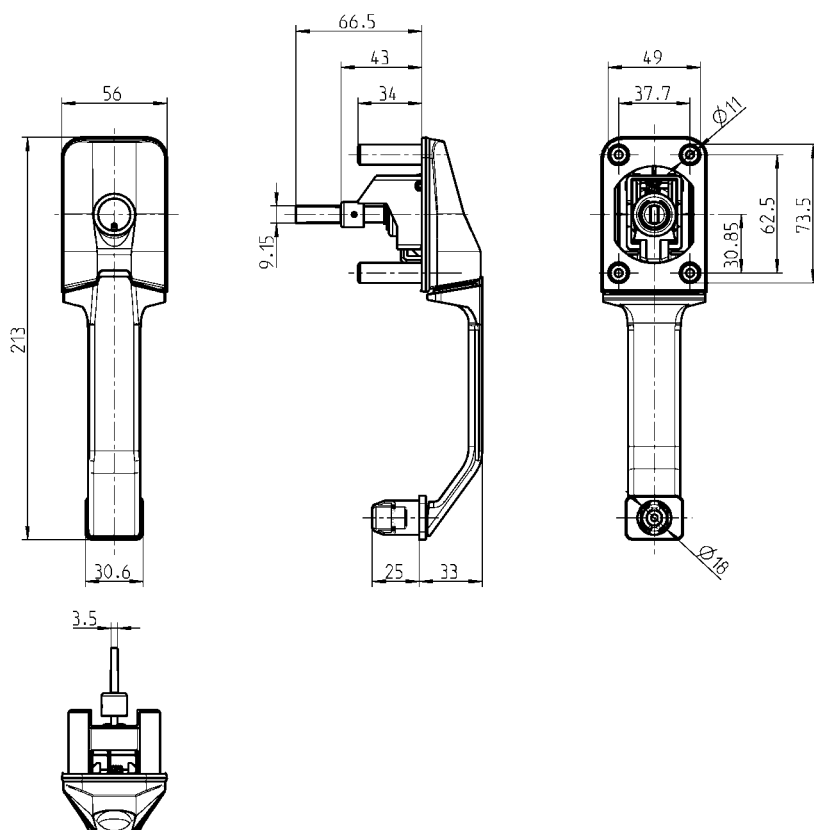
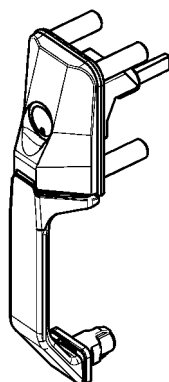
12F-120

Motorhome lock complete consisting of the following parts:

Interior lock polyamide black
Zinc plated lock housing
Zinc plated steel locking block
Cover polyamide black

9400-U218-AA

(9400-B8008)
(9400-B8500)
(9400-B8710)
(9400-B8902)



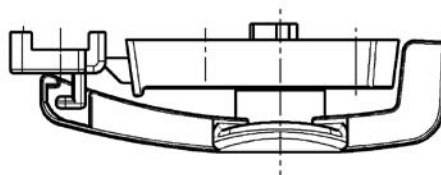
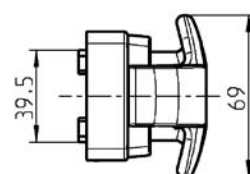
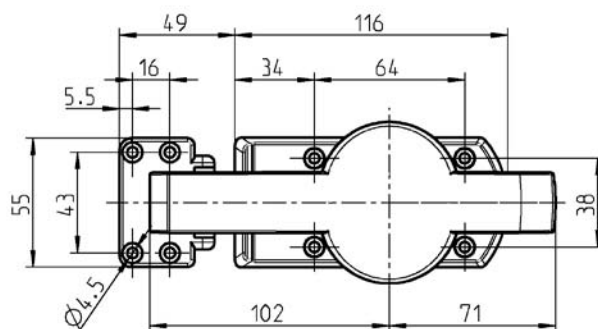
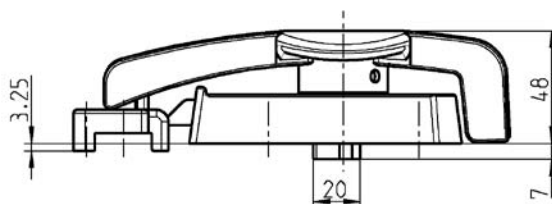
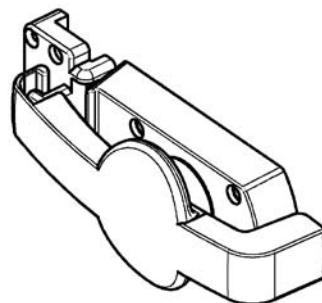
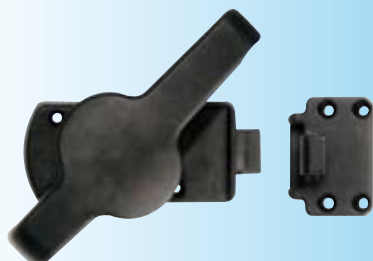
- according to Euro-Norm 70/387 EWG
- for clip-in cylinder, compatible with POS-clip-in cylinder 9850 (see catalogue page 12F-225)
- available in different colours and for different wall thicknesses

External handle for clip-in-cylinder polyamide black; Lever, cap and handle housing POM; bush and shaft die cast zinc plated; with gasket and spring

5271-U654-AA

Further parts see page

– Interior lock 12F-115
– Clip-in cylinder 12F-225



- consisting of interior and exterior lock
- Available in various colors and door thickness 29 - 36 mm
- Locking block ordered separately

Further parts see page

- Exterior lock 12F-135
- 12F-140
- Spacer plate 12F-360

Interior handle polyamide black; pivot stainless; plate and screws zinc plated; with spring

9500-U802-AA

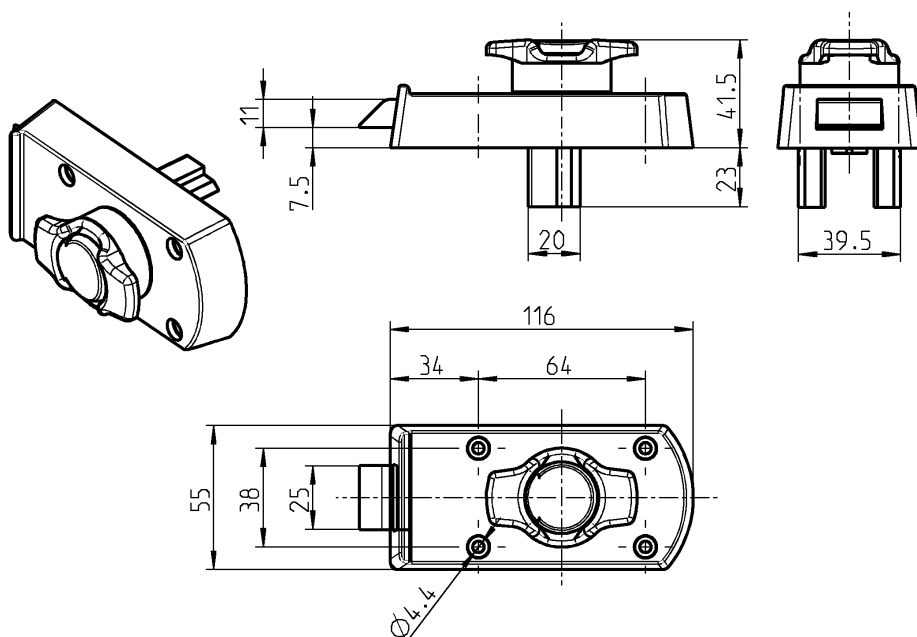
Locking block zinc die black, 4 plastic plugs

9500-U701-AC

Motorhome lock

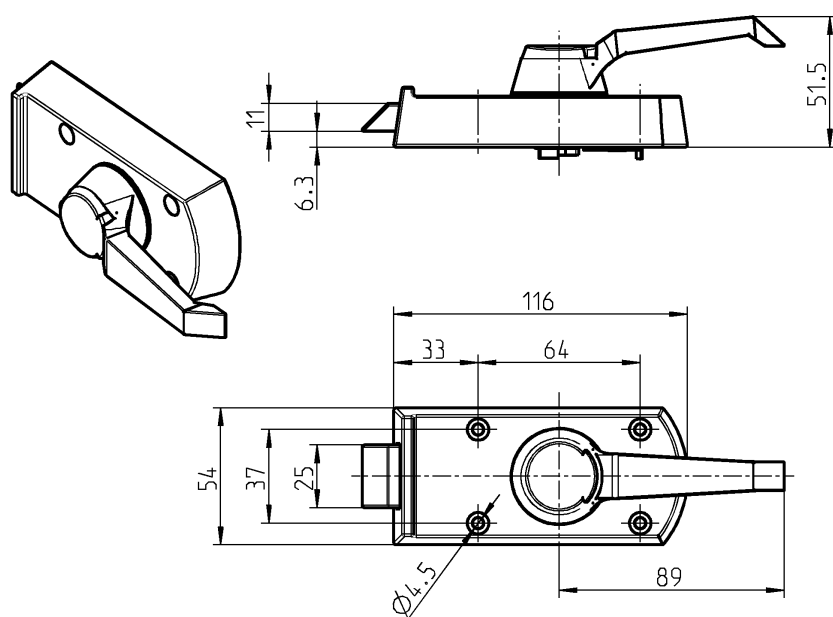
PROGRAM 5131, 9301

Beschlagteile



Interior handle polyamide black; pivot stainless; plate and screws zinc plated; with spring

Door thickness = 31 - 35	9301-U802-AA
Door thickness = 32 - 36	9301-U812-AA
Door thickness = 35 - 39	9301-U804-AA
Door thickness = 39 - 43	9301-U810-AA



Interior lock polyamide black; handle material of your choice; cam and plate POM; pivot stainless; with gasket and spring

Door thickness = 24 - 29; handle polyamide black	5131-U649-AA
Door thickness = 36 - 40; handle polyamide black	5131-U658-AA
Door thickness = 32 - 36; handle zinc die black p.c.	5131-U738-AC



- Available in various colors
- Locking block ordered separately
- RH and LH application

Further parts see page

– Exterior lock	12F-135
	12F-140
– Locking block	12F-135
– Spacer plate	12F-360
– Handle plate	12F-370



Further parts see page

– Exterior lock	12F-135
	12F-140
– Locking block	12F-135
– Spacer plate	12F-360



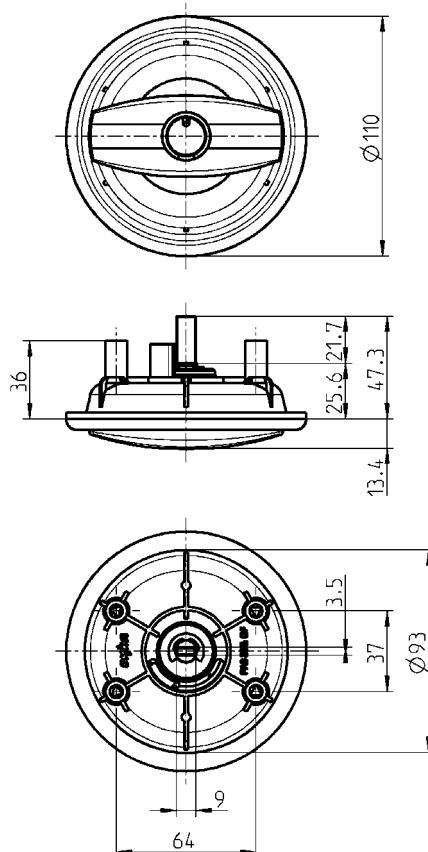
Further parts see page

- Interior lock 12F-125
- 12F-130
- Clip-in cylinder 12F-225



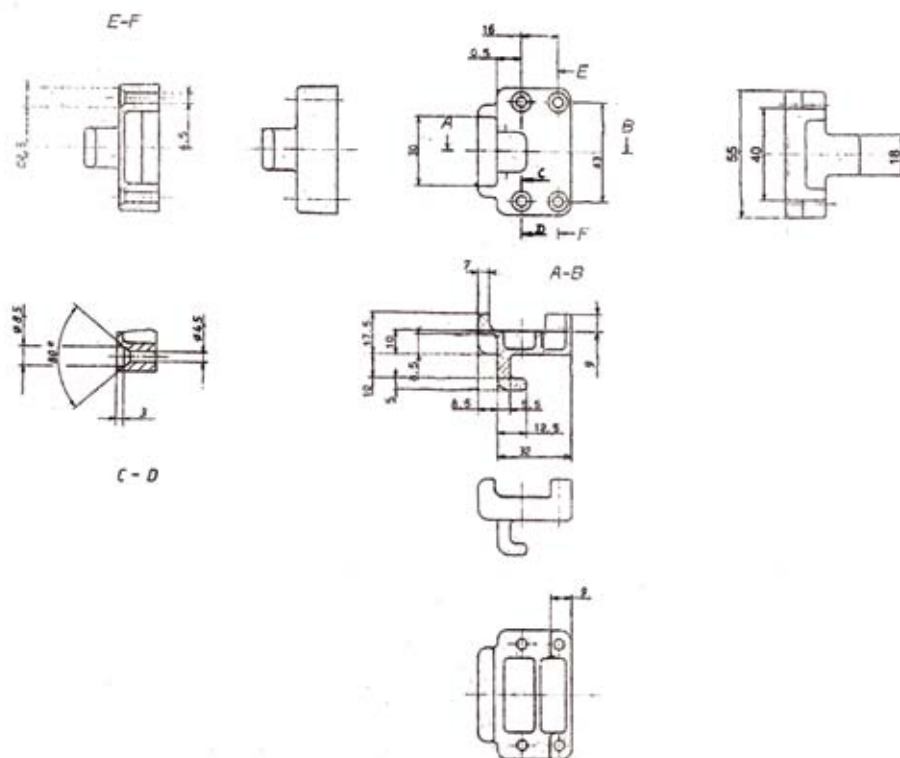
Further parts see page

- Interior lock 12F-125
12F-130
12F-140



Outside handle polyamide black, bush die-cast zinc plated ; drive shaft zinc die chrome plate, with gasket and spring

RH	9301-U500-AA
LH	9301-U501-AA



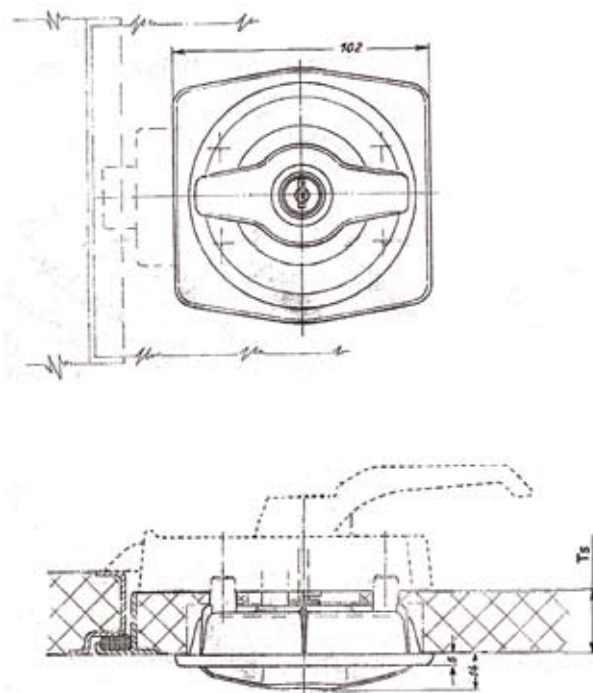
Locking block zinc die black, 4 plastic plugs

9500-U701-AC

12F-135

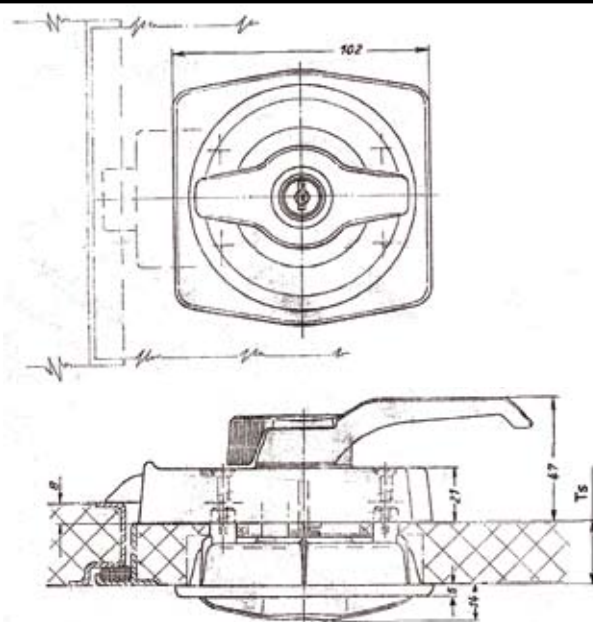
Motorhome lock

PROGRAM 5131



Outside handle polyamide black, cylinder zinc die chrome-plated with two keys, screws ms zinc plated , with spring

Door thickness = 24 - 29	5131-U638-AA
Door thickness = 32 - 36	5131-U644-AA
Door thickness = 36 - 40	5131-U758-AA



Motorhome lock consisting internal and external handle polyamide black; pivot stainless; cylinder zinc die chrome plated with two keys; plate and screws zinc plated, with spring

Door thickness = 24 - 29	5131-U605-AA
Door thickness = 32 - 36	5131-U619-AA
Door thickness = 36 - 40	5131-U608-AA



- lockable with GX lock
- Internal handle please order separately
- Ts = door thicknesses

Further parts see page
– Interior lock

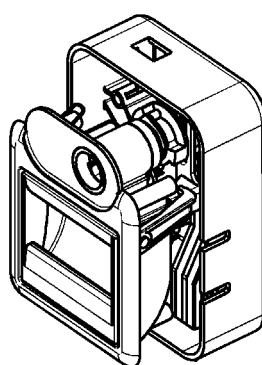
12F-125
12F-130



- lockable with GX lock
- consisting of internal and external lock
- Ts = door thicknesses

Further parts see page
– Locking block

12F-135



Technology

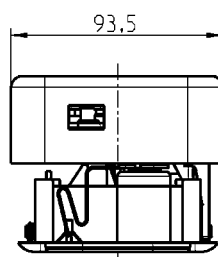
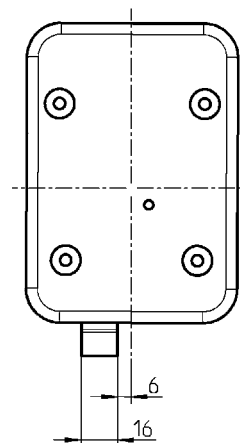
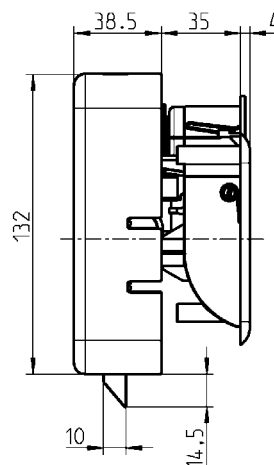
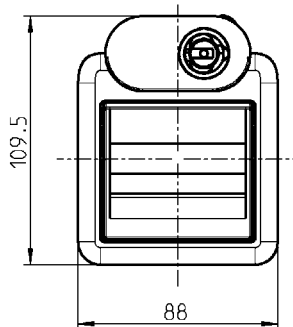
- redesigned locking system with bolt locks
- Interior lock freely positionable
- override of exterior handle with free operation
- Exterior lock designed for different locking systems
- Emergency opening from interior

Handling

- ergonomically designed actuators
- special smooth-running operation
- low closing force, hence very quiet

Versions

- colours upon request
- multi point locking = increased security
- available as 1-, 2- and 3-point locking mechanism
- designed for clip-in cylinders, compatible with POS-clip-in cylinder 9850 (see catalogue page 12F-225)



Further parts see page
– Clip-in cylinder

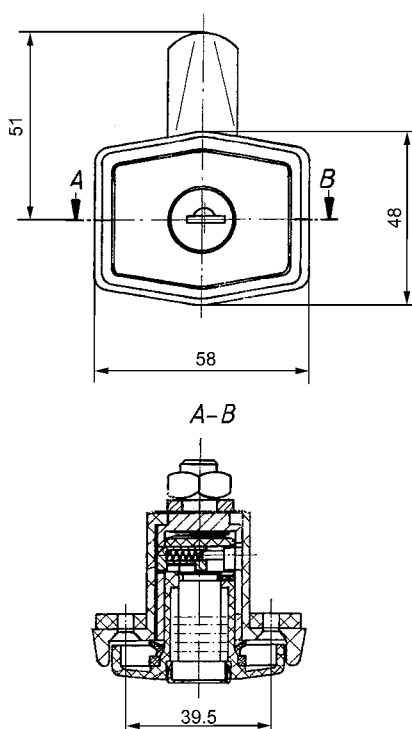
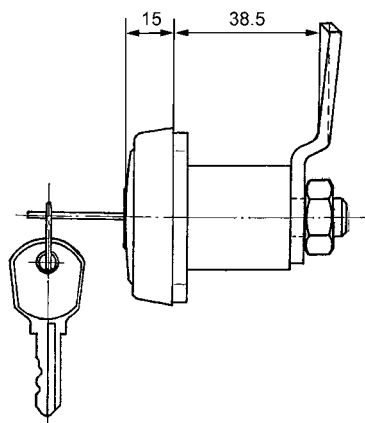
12F-225

Flap lock polyamide black; cam POM black; plug cylinder chrome plated; catch, pin and bush die cast zinc; screws washers and pins m.s. zinc plated; with spring

9802-U810-AA

Lock for hatches

PROGRAM 5172, 9302



- lockable with GX lock
- Door thickness max 30 mm



- for plug cylinder, compatible with POS-plug cylinder 9850 (see catalog sheet 12F-225)
- Door thickness max 30 mm
- available in colours: dark grey, cream white and black

Lock housing polyamide black; Knob zinc die polished chrome; cylinder zinc die chrome; cam and nut m.s. zinc plated with seal

without key 5172-U849-IK

with 2 keys 5172-U890-IK

Lock housing polyamide black; Knob zinc die black powder; cylinder zinc die chrome; cam and nut m.s. zinc plated with seal

without key 5172-U882-AC

with 2 keys 5172-U835-AC

Lock housing and knob polyamide black; cam and nut m.s. zinc plated with seal

without cylinder 9302-U800-AA

Further parts see page
– Clip-in cylinder 12F-225

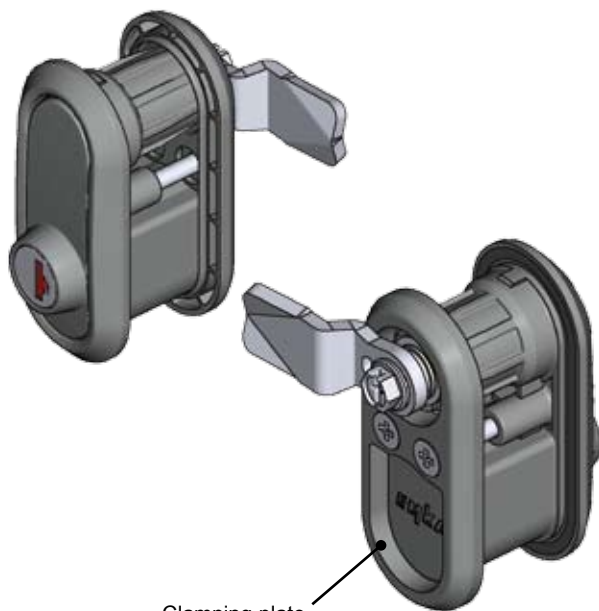
Compression swinghandle for hatches

PROGRAM 1342

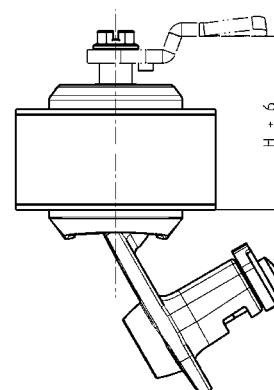
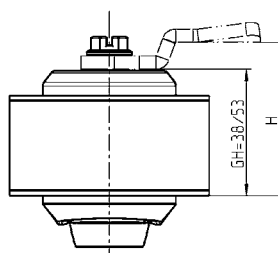
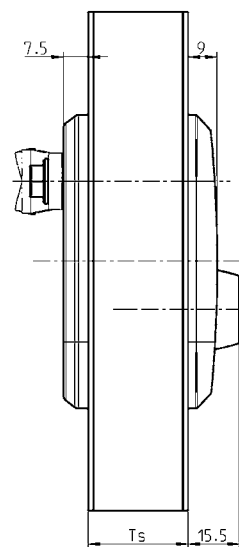
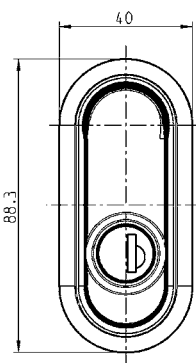
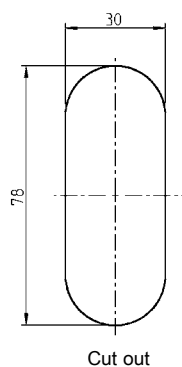
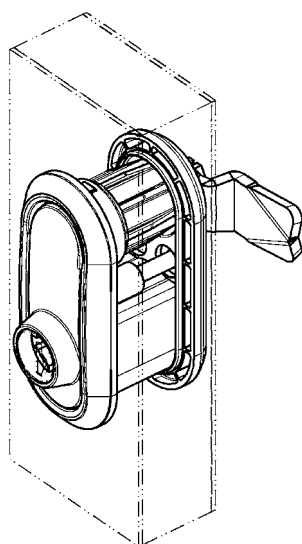
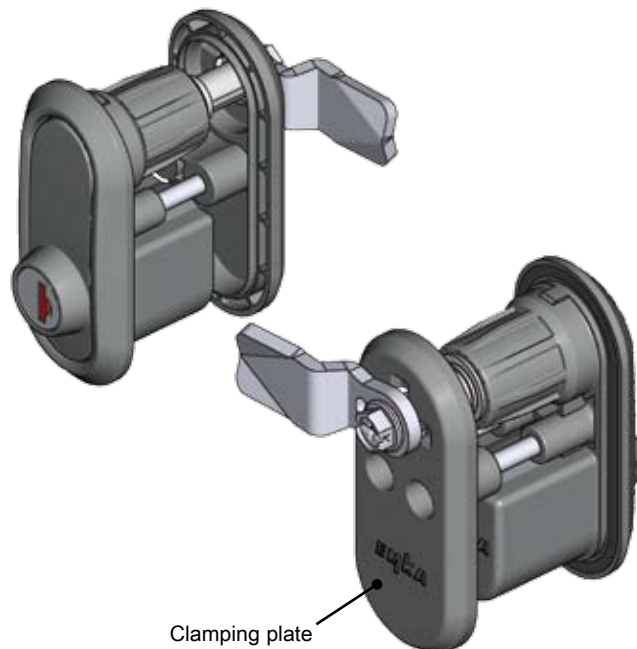
Vibration proof

The compression latch swinghandle is of vibration-proof design. Depending on the installation location and operational conditions specific checks are necessary and/or supplementary measures of fastening required.

for $T_s = 15 - 30 \text{ mm}$; $GH = 38 \text{ mm}$



for $T_s = 30 - 45 \text{ mm}$; $GH = 53 \text{ mm}$



- Clip-in cylinder; Compatible with POS-Cylinder 9850 (see catalog section 12F-225)
- Compression swinghandle for hatches; compatible with other commercially available clip-in cylinders, available on request!
- Door thickness of 15 up to 45 mm

Compression swinghandle polyamide black; cylinder cam and screws m.s. zinc plated; with spring and seal. Key removable in locked and unlocked position.

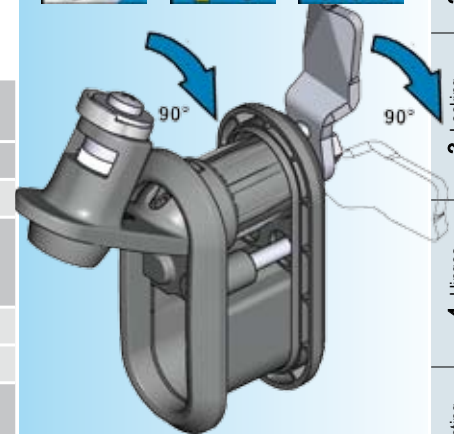
	GH = 38 mm		GH = 53 mm
Ts = 15 - 30	1342-U1-03	Ts = 30 - 45	1342-U2-03

To be ordered separately:
clamping plate polyamide GF black,
fixing material m.s. zinc plated

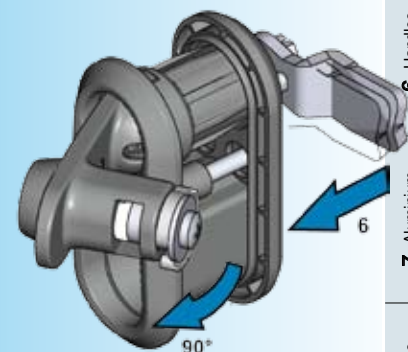
Ts = 15 - 21	1342-U3	Ts = 30 - 36	1342-U5
Ts = 21 - 30	1342-U4	Ts = 36 - 45	1342-U6

To be ordered separately:
cam m.s. zinc plated

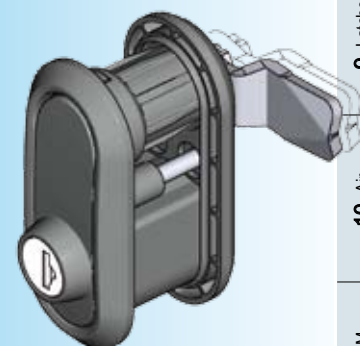
H	GH = 38 mm	H	GH = 53 mm
38	1000-17	38	-
40	1000-16	40	-
42	1000-15	42	-
44	1000-14	44	-
45	1000-27	45	-
46	1000-50	46	-
48	1000-13	48	-
50	1000-28	50	-
52	1000-26	52	-
53	-	53	1000-17
54	1000-12	54	-
55	1000-11	55	1000-16
56	1000-51	56	-
57	-	57	1000-15
58	1000-52	58	-
59	-	59	1000-14
60	1000-25	60	1000-27
61	-	61	1000-50
62	1000-53	62	-
63	-	63	1000-13
64	1000-54	64	-
65	1000-10	65	1000-28
67	1000-55	67	1000-26
69	-	69	1000-12
70	1000-56	70	1000-11
71	-	71	1000-51
73	-	73	1000-52
75	-	75	1000-25
77	-	77	1000-53
79	-	79	1000-54
80	-	80	1000-10
82	-	82	1000-55
85	-	85	1000-56



Open condition
Rotation of the handle by 90°, then the cam rotates by 90°.



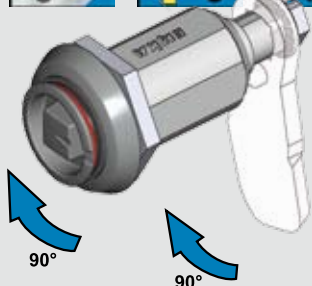
Closed position
Rotation of the Handle by a further 90° then the cam is moved by 6 mm in axial direction.



Compressed condition
Unlock:
Reversed rotation

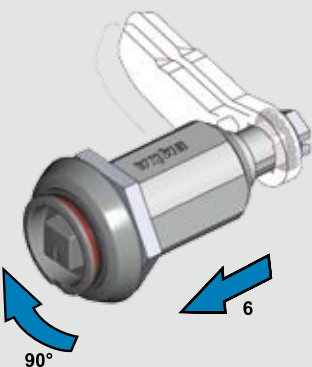
Further parts see page
– Clip-in cylinder 12F-225

® Compression latch with visual open indicator PROGRAM 1000



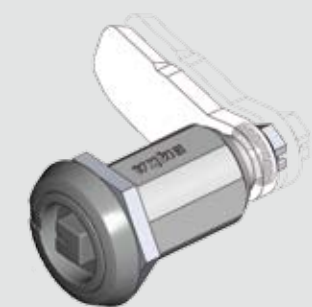
Open condition

The first 90° of rotation of the insert also turns the cam 90°.



Closed position

The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

Unlock:

Reversed rotation

Further parts see page

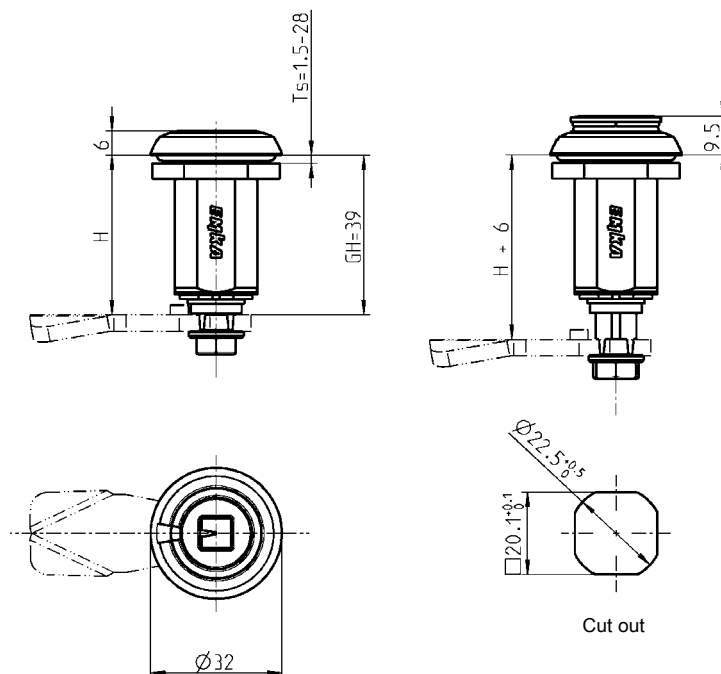
- Cam (GH = 40) 1C-120
- Attention:** when using this cam the dimension H will be reduced by 1 mm
- Accessories from 1C-320
- Escutcheon 3B-140
- Key 12B-120

Vibration proof

These latches are designed to be vibration resistant with a distinct “over-center” action.

Use of the compression lock in conjunction with the illustrated dust cap (Part No. 1000-97-02 / catalog sheet 12F-380) results an additional security feature:

Additionally to the red ring being visible, the dust cap can not be locked.



Housing and insert zinc die, surface of your choice, signal-ring red, nut and screw m.s. zinc plated, with spring and seal

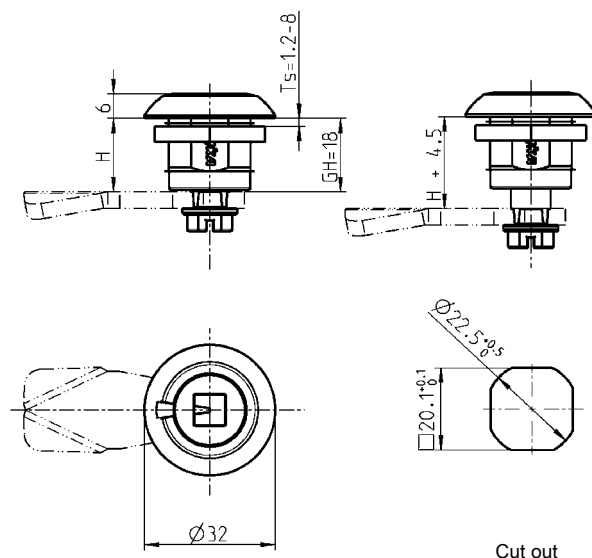
	black powder coated	chrome plated
Square 8	1000-U846	1000-U846-IA
Double bit 5	1000-U847	1000-U847-IA
Railway	1000-U848	1000-U848-IA

Compression latch

PROGRAM 1000

Vibration proof

These latches are designed to be vibration resistant with a distinct "over-center" action.

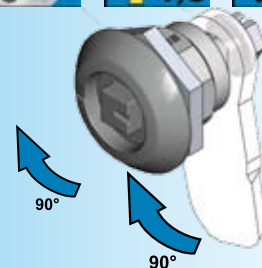


Housing and insert die cast with surface of your choice, nut and screw ms zinc plated, with spring and gasket

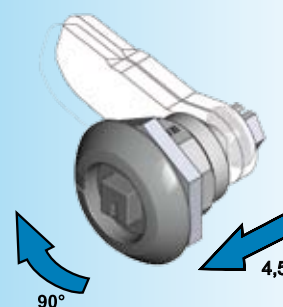
	black powder coated	chrome plated
Square 6	on request	on request
Square 7	on request	on request
Square 8	on request	on request
Square 8mm with arrow	1000-U852	on request
Triangular 6.5 CNOMO	on request	on request
Triangular 7	on request	on request
Triangular 8	1000-U853	on request
Triangular 9	on request	on request
Triangular 10	on request	on request
Double bit 3	1000-U854	on request
Double bit 5	1000-U855	on request
Male hexagon 11mm with indicator	on request	on request
Hexagon female 8mm	on request	on request
Hexagon female 8mm with pin	on request	on request
Hexagon female 10mm	on request	on request
Square female 6mm	on request	on request
Square female 7	on request	on request
Square female 8	on request	on request
Daimler Benz	on request	on request
Slot 1.2 x 3	on request	on request
Slot 2 x 4	on request	on request
Slot 2 x 4 coinproof	on request	on request
Crown type	on request	on request
Railway	1000-U856	on request
Tube with indicator	on request	on request

For links to catalogue pages that are not in the Commercial Vehicle Catalogue, see the complete catalogue 2011

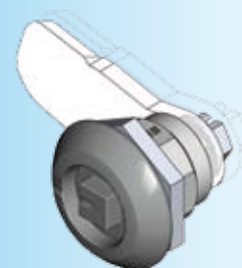
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Open condition
The first 90° of rotation of the insert also turns the cam 90°.



Closed position
The second 90° of rotation of the insert draws the cam toward the door 4.5 mm axially.



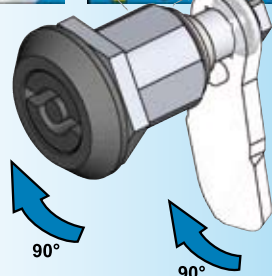
Compressed condition

Unlock:
Reversed rotation

Note:
Only cams without a stop can be used.

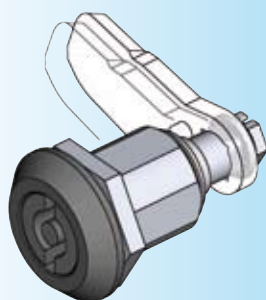
Further parts see page

– Cam on request
– Accessories from 1C-320
– Escutcheon 3B-140
– Key 12B-120



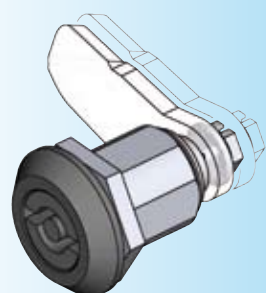
Open condition

The first 90° of rotation of the insert also turns the cam 90°.



Closed position

The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

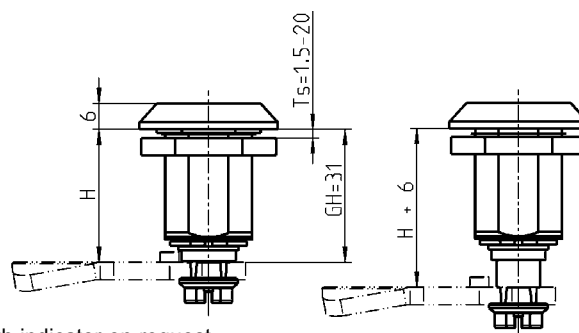
Unlock:
Reversed rotation

Further parts see page

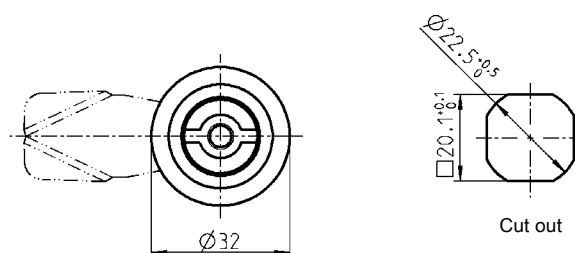
- Stainless version 1B-235
- Cam (GH = 31) from 1C-130
- Accessories from 1C-320
- Escutcheon 3B-140
- Key 12B-120

Vibration proof

These latches are designed to be vibration resistant with a distinct “over-center” action.



Housing with indicator on request



Housing and insert zinc die surface of your choice, nut and screw ms zinc plated, with spring and gasket; wing knob polyamide black with black stopper PE

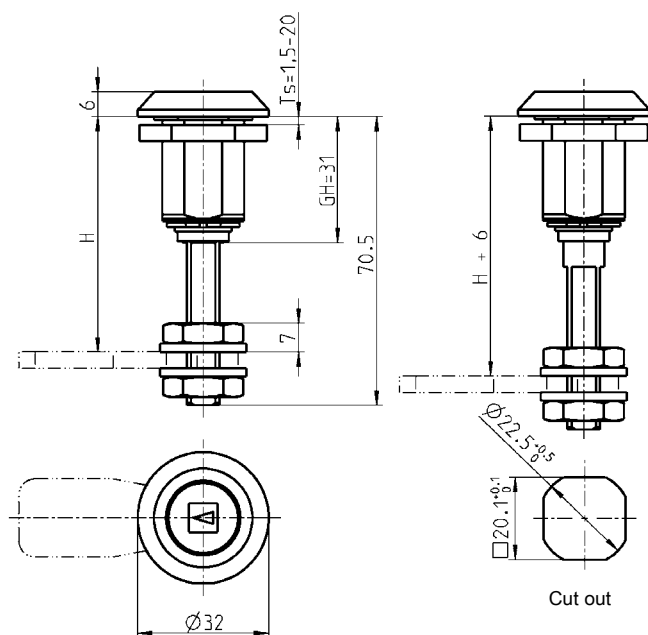
	black powder coated	chrome plated
Square 6	on request	on request
Square 7	1000-U796	on request
Square 8	1000-U755	on request
Square 8mm with arrow	1000-U798	on request
Square 8mm with M6 thread and wing knob	1000-U800	on request
Triangular 6.5 CNOMO	on request	on request
Triangular 7	1000-U795	on request
Triangular 8	1000-U783	on request
Triangular 9	on request	on request
Triangular 10	on request	on request
Double bit 3	1000-U749	on request
Double bit 5	1000-U748	on request
Male hexagon 11mm with indicator	on request	on request
Hexagon female 8mm	1000-U807	on request
Hexagon female 8mm with pin	1000-U805	on request
Hexagon female 10mm	1000-U809	on request
Square female 6mm	on request	on request
Square female 7	on request	on request
Square female 8	1000-U811	on request
Daimler Benz	on request	on request
Slot 1.2 x 3	1000-U750	on request
Slot 2 x 4	1000-U777	on request
Slot 2 x 4 coinproof	on request	on request
Crown type	on request	on request
Railway	1000-U831	1000-U831-IA
Tube with indicator	1000-U833	on request

Compression Latch with Adjustable Cam

PROGRAM 1000

Vibration proof

These latches are designed to be vibration resistant with a distinct "over-center" action.



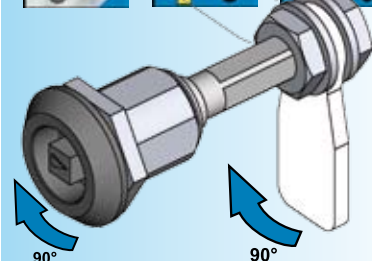
Housing and insert zinc die surface of your choice, nut and screw ms zinc plated, with spring and gasket; wing knob polyamide black with black stopper PE

	black powder coated	chrome plated
Square 6	on request	on request
Square 7	1000-U786	on request
Square 8	1000-U797	on request
Square 8mm with arrow	1000-U799	on request
Square 8mm with M6 thread and wing knob	1000-U801	on request
Triangular 6.5 CNOMO	on request	on request
Triangular 7	1000-U794	on request
Triangular 8	1000-U802	on request
Triangular 9	on request	on request
Triangular 10	on request	on request
Double bit 3	1000-U803	on request
Double bit 5	1000-U804	on request
Male hexagon 11mm with indicator	1000-U816	on request
Hexagon female 8mm	1000-U808	on request
Hexagon female 8mm with pin	1000-U806	on request
Hexagon female 10mm	1000-U810	on request
Square female 6mm	on request	on request
Square female 7	on request	on request
Square female 8	1000-U812	on request
Daimler Benz	on request	on request
Slot 1.2 x 3	1000-U814	on request
Slot 2 x 4	1000-U813	on request
Slot 2 x 4 coinproof	on request	on request
Crown type	on request	on request
Railway	1000-U832	1000-U832-IA
Tube with indicator	1000-U830	on request

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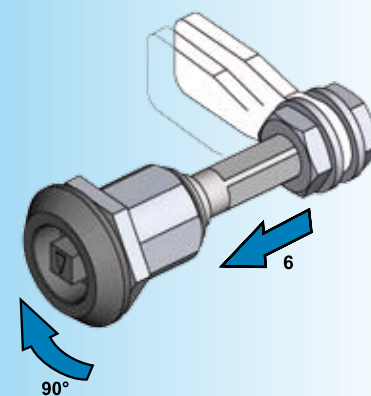
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Beschlagteile



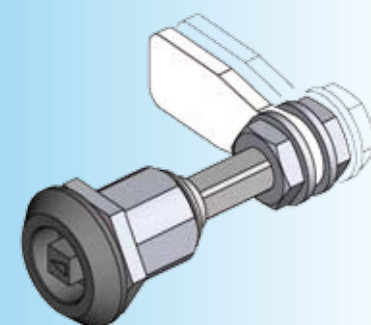
Open condition

The first 90° of rotation of the insert also turns the cam 90°.



Closed position

The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

Unlock:
Reversed rotation

Stainless steel version on request.

Note:
Only cams without a stop can be used.

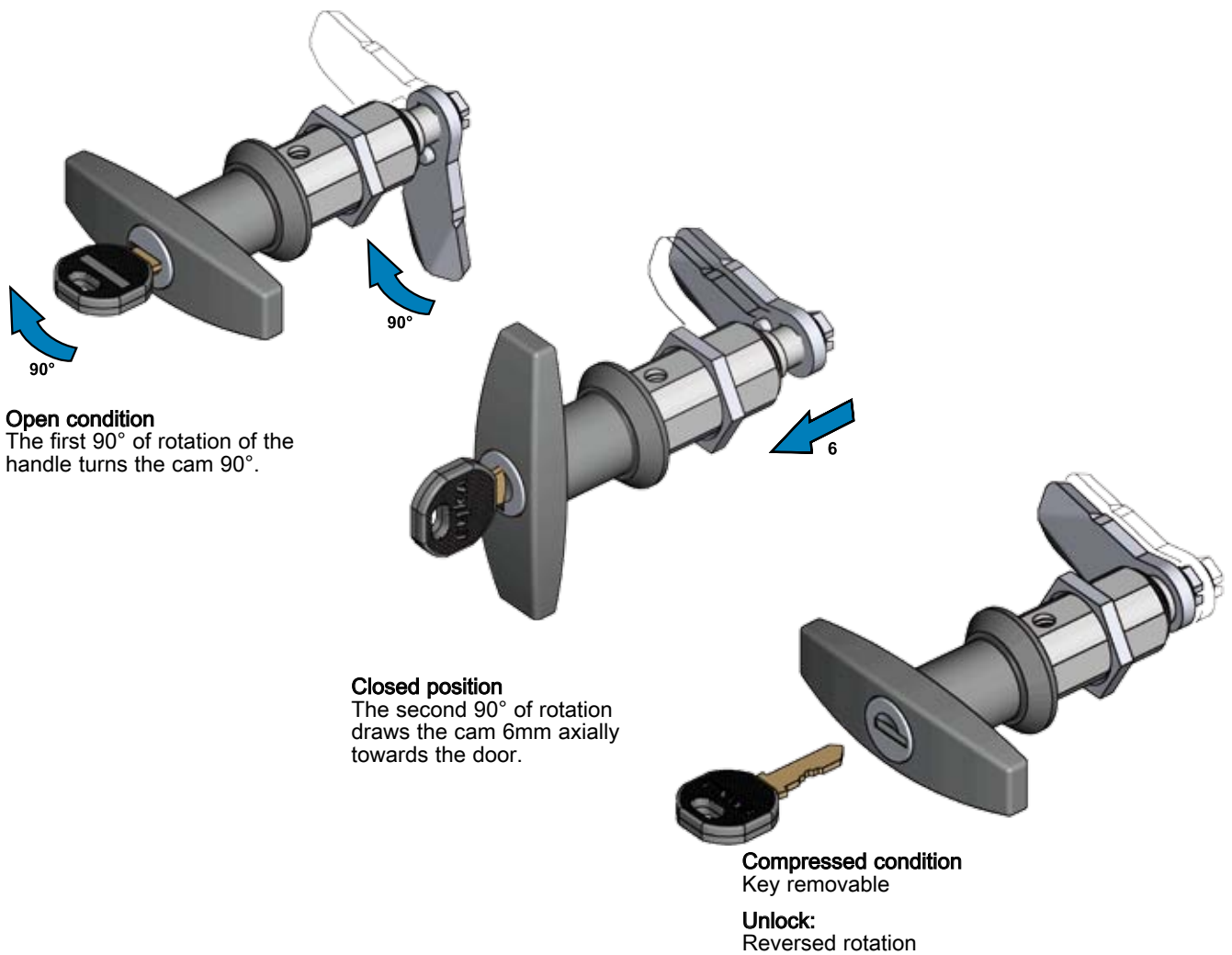
Further parts see page

– Cam	1C-137
– Accessories	from 1C-320
– Escutcheon	3B-140
– Key	12B-120

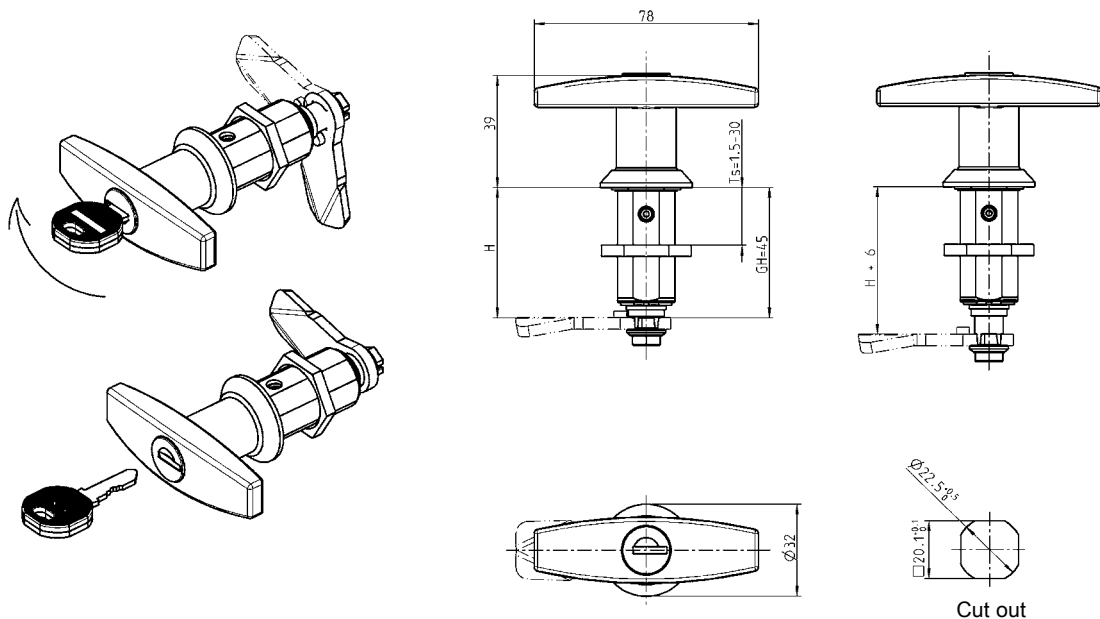
Compression latch with handle

PROGRAM 1000

Compression T handle

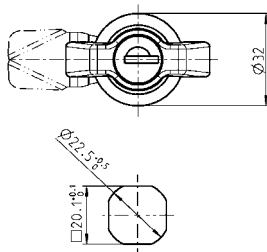
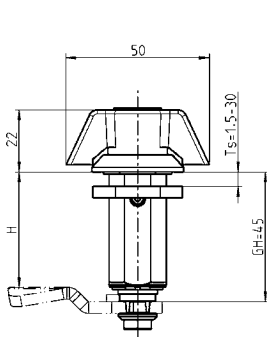


Compression latch with T-handle

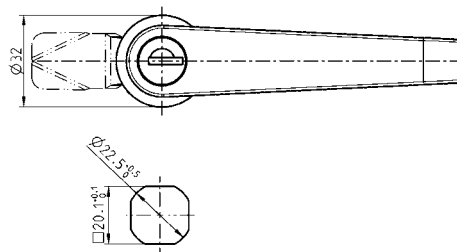
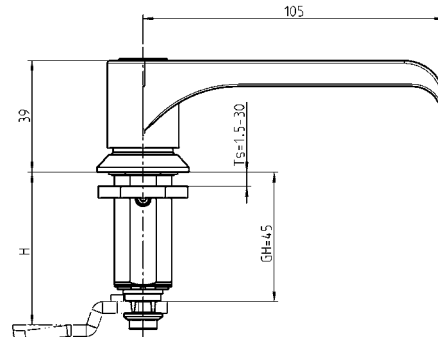


Compression Wing knob

compression L handle



Cut out



Cut out

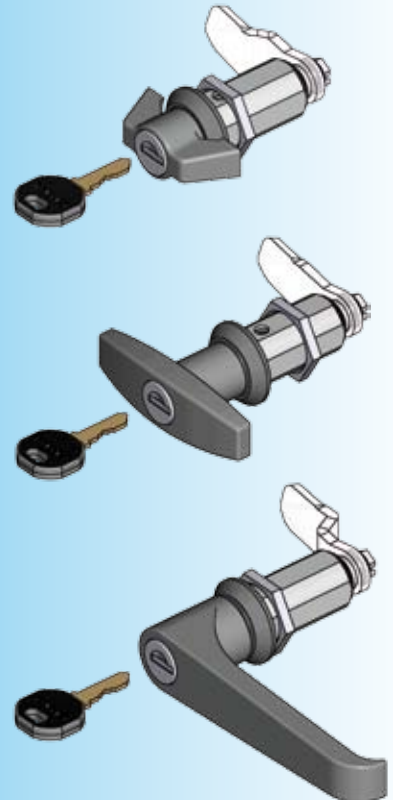
Vibration proof

This Compression latch is of a vibration-proof design.
This depends on the installation location and operational conditions.
Specific checks are necessary and/or supplementary measures of fastening required.

Handle and housing zinc die, black powder coated, cylinder zinc die, with stainless steel cap and shutter, nut and screw zinc plated m.s. with spring and seal
Each cylinder has one silver steel key with polyamid grip.
Key removable in both positions.

	non locking	keyed EK 333	keyed different
Wing knob	1000-U826	1000-U827	1000-U828
T-Handle	1000-U820	1000-U821	1000-U822
L-Handle	1000-U823	1000-U824	1000-U825

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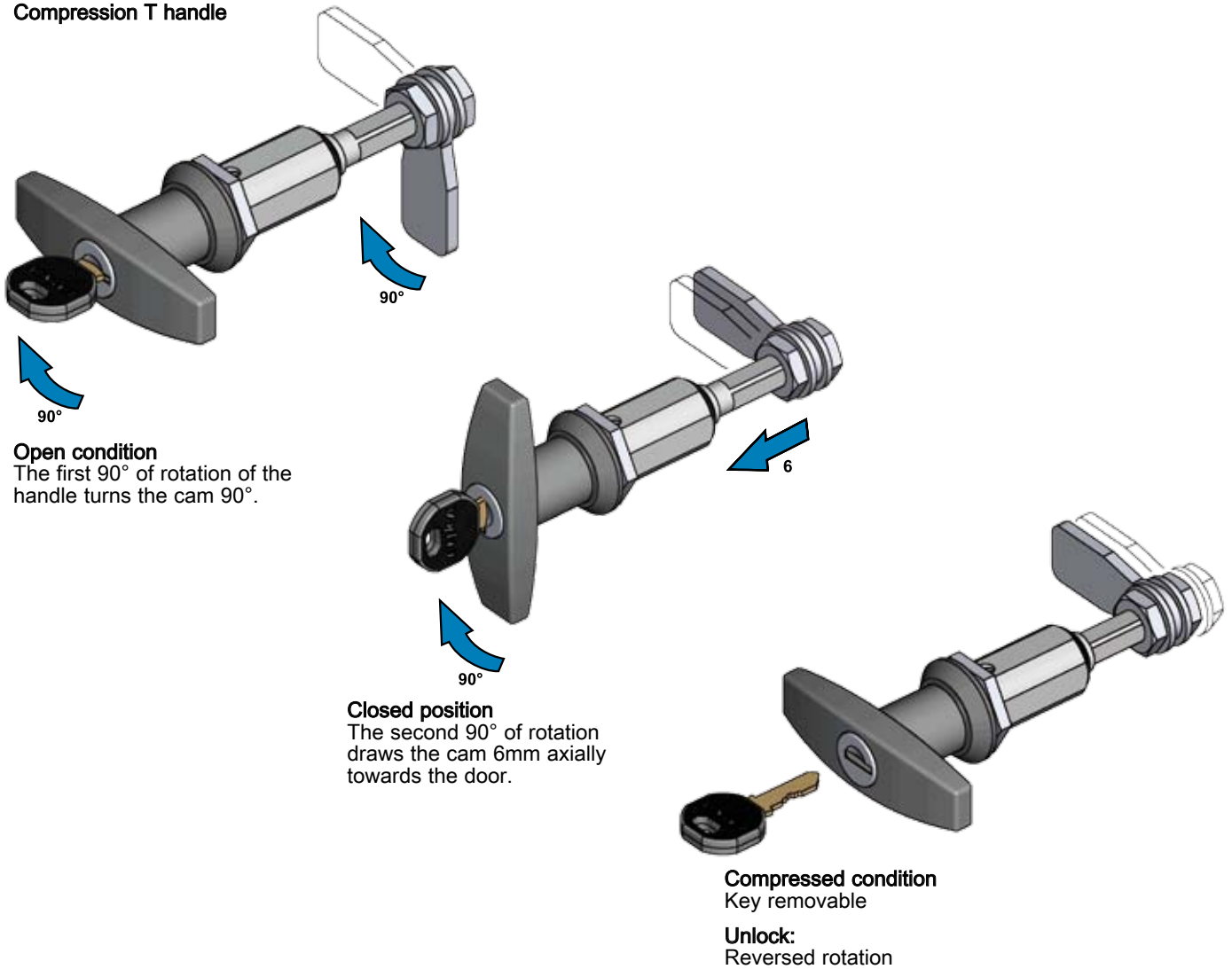
Stainless steel version on request.

Further parts see page
– Cam 1C-130
– Dust cap for T-Handle 1C-340
– Spare key 12B-140

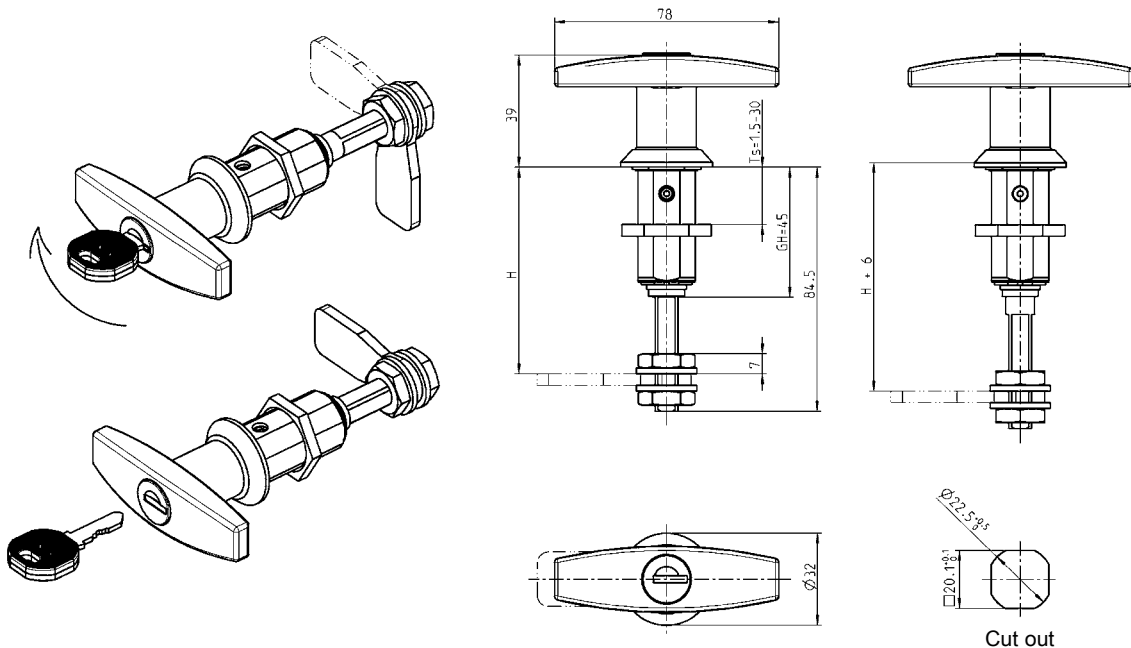
Compression Handles with adjustable Cams

PROGRAM 1000

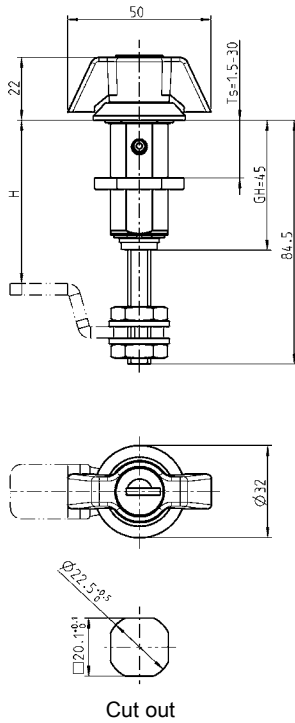
Compression T handle



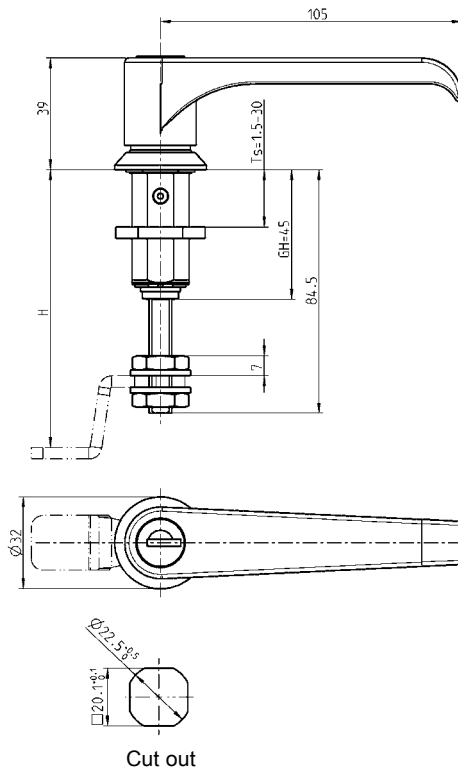
Compression latch with T-handle



Compression Wing knob



Compression L-handle



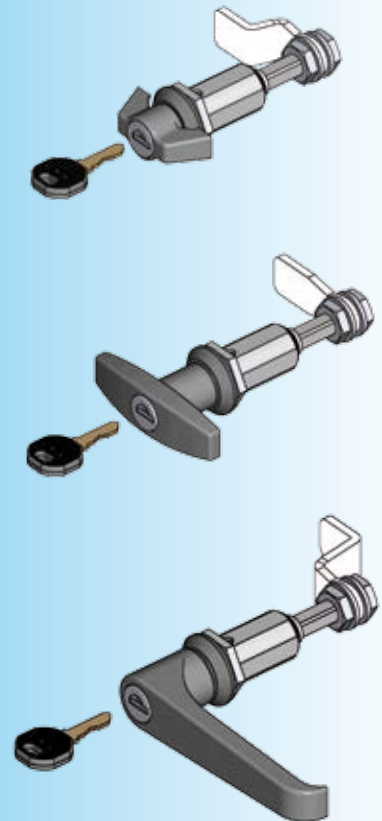
Vibration proof

This Compression latch is of a vibration-proof design.
This depends on the installation location and operational conditions.
Specific checks are necessary and/or supplementary measures of fastening required.

Handle and housing zinc die black powder coated,
cylinder zinc die with stainless steel cap and shutter,
nut and screw zinc plated with spring and seal
Each cylinder has one silver steel key with polyamid grip.
Key removable in both positions.

	non locking	keyed EK 333	keyed different
Wing knob	1000-U790	1000-U789	1000-U791
T-Handle	1000-U785	1000-U784	1000-U792
L-Handle	1000-U788	1000-U787	1000-U793

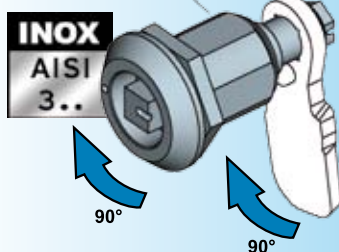
For links to catalogue pages that are not in the Commercial Vehicles Catalogue, see the complete catalogue 2011



Stainless steel version on request.

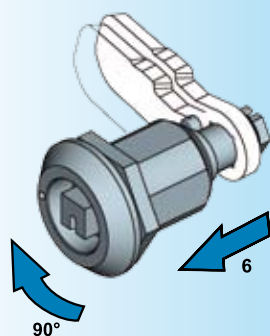
Note:
Only cams without a stop can be used

Further parts see page
– Cam 1C-137
– Dust cap for T-Handle 1C-340
– Spare key 12B-140



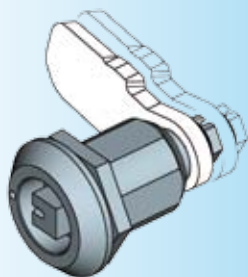
Open condition

The first 90° of rotation of the insert also turns the cam 90°.



Closed position

The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

Unlock:
Reversed rotation

Note:
Further inserts on request

Further parts see page

- Cam 1C-140
- Accessories 1C-320
- Escutcheon 3B-140
- Key 12B-120



The compression latch is of a vibration-proof design.
Depending on the installation location and operational conditions specific checks are necessary and/or supplementary measures of fastening required.



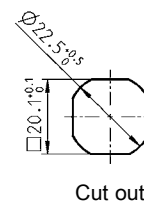
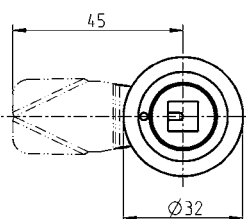
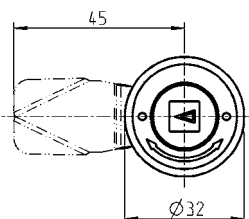
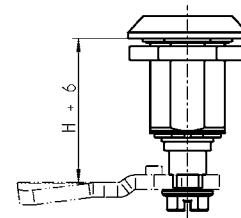
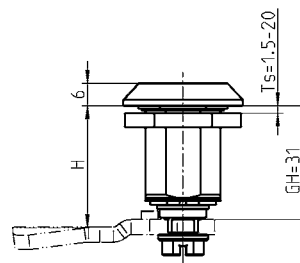
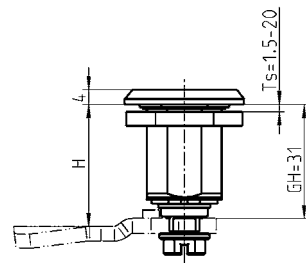
with arrow and
red - green mark



with mark

Note:

The H-dimension will be reduced by 2 mm when used with finger pull (see page 1C-320)



Compression latch with arrow and red - green mark AISI 316, with spring and flat seal

Square 8 right-hand version	1000-U834-REPH
Square 8 left-hand version	1000-U834-LIPH

Compression latch AISI 316, with spring and gasket

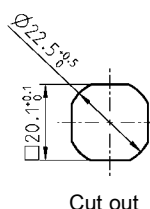
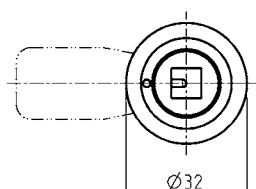
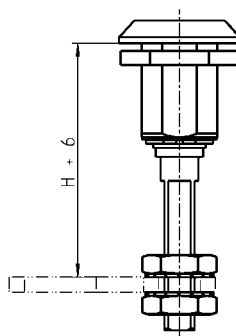
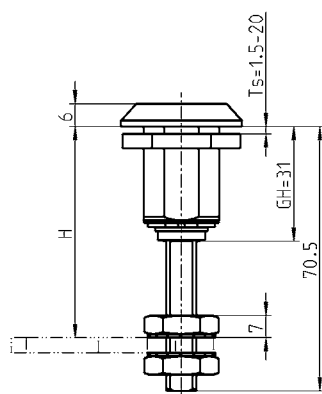
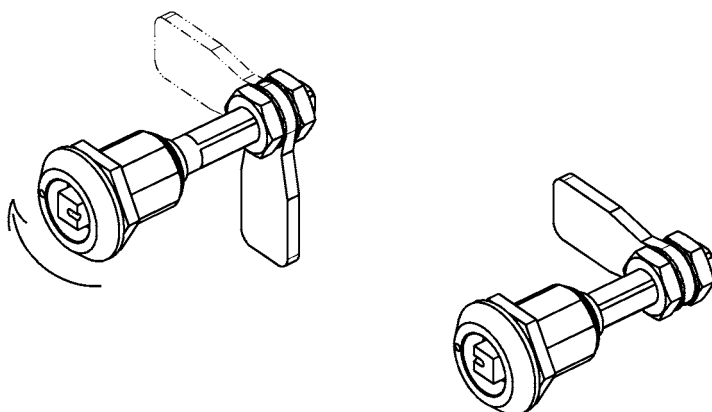
Square 8 with mark	1000-U755-01
Double bit 3	1000-U749-01
Double bit 5	1000-U748-01
Slot 2 x 4	1000-U777-01

Compression latch with adjustable cam

PROGRAM 1000

Vibration proof

These latches are designed to be vibration resistant with a distinct "over-center" action.



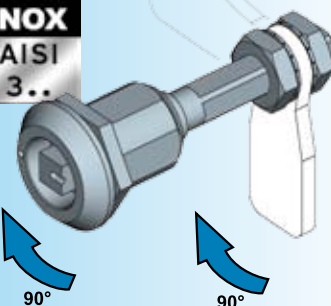
EMKA

Info

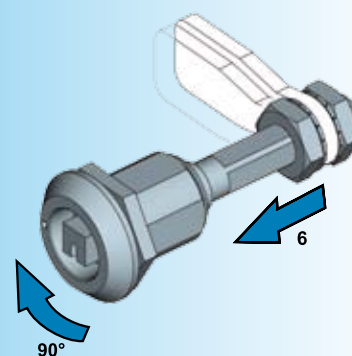
Beschlagteile



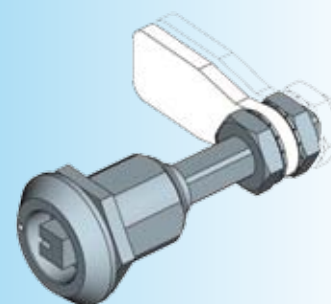
INOX
AISI
3..



Open condition
The first 90° of rotation of the insert also turns the cam 90°.



Closed position
The second 90° of rotation of the insert draws the cam toward the door 6 mm axially.



Compressed condition

Unlock:
Reversed rotation

Further parts see page

- Cam on request 1C-320
- Accessories 12B-120
- Key

1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

8 Stainless steel

9 Latches

10 Air-conditioning

11 ELM Security Systems

12 Miscellaneous

Compression latch AISI 316, with spring and gasket

Square 8 with mark

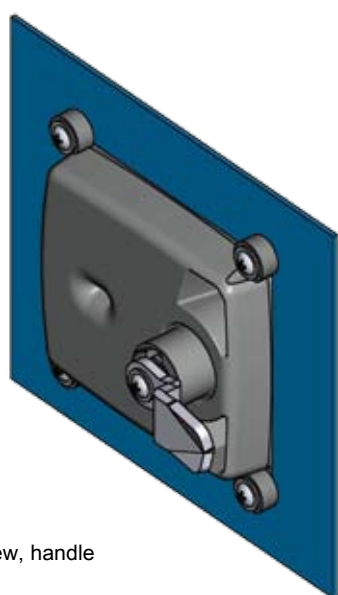
1000-U755-02

For links to catalogue pages that are not in the Commercial Vehicles Catalogue, see the complete catalogue 2011

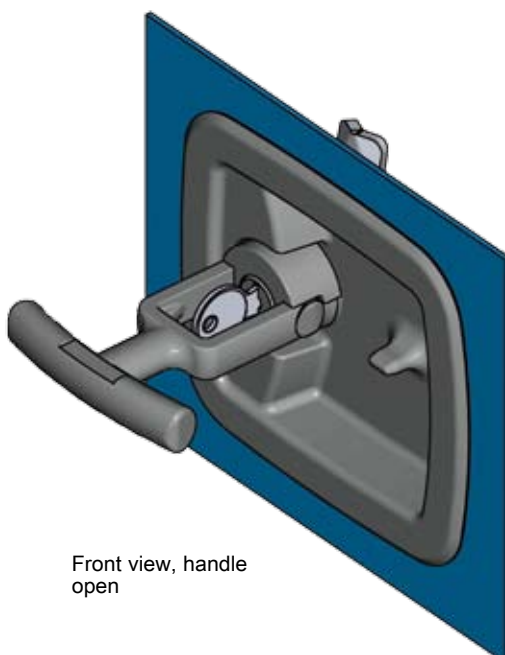
© EMKA Beschlagteile GmbH & Co. KG 2012

12F-182

Retractable T-Handle PROGRAM 1130



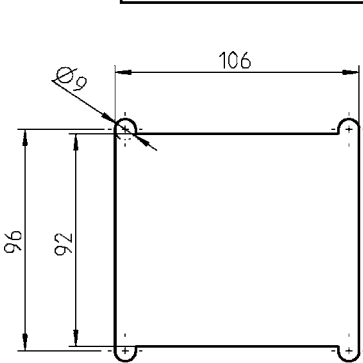
Rear view, handle closed



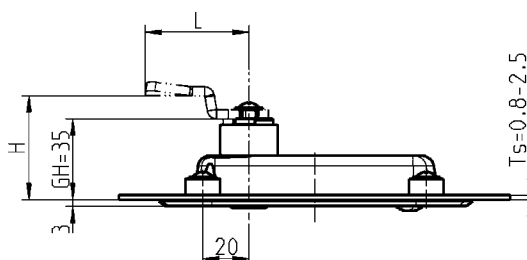
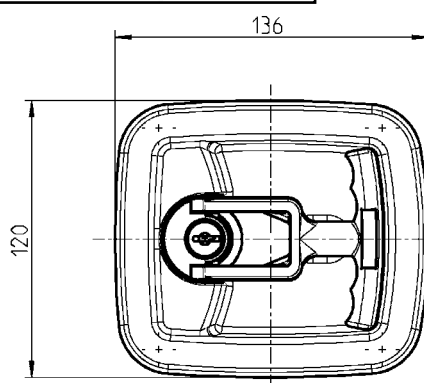
Front view, handle open

Note:

By pressing in the T-handle into the dish, a clamping effect is achieved.

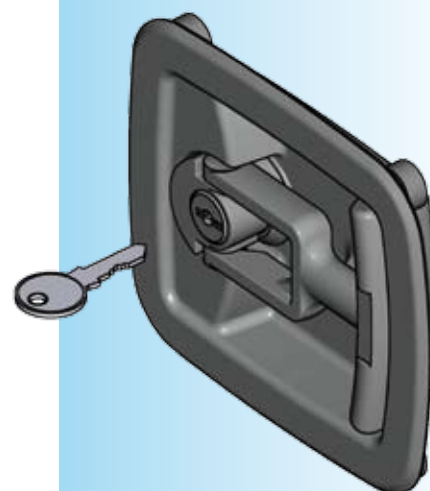


Cut out



RL

IP 65



Recess T-handle polyamide GF black, fastening material m.s. zinc pl., with seal.
Each round cylinder has one key m.s. nickel plated.

keyed EK 333

1130-U3

keyed different

1130-U4

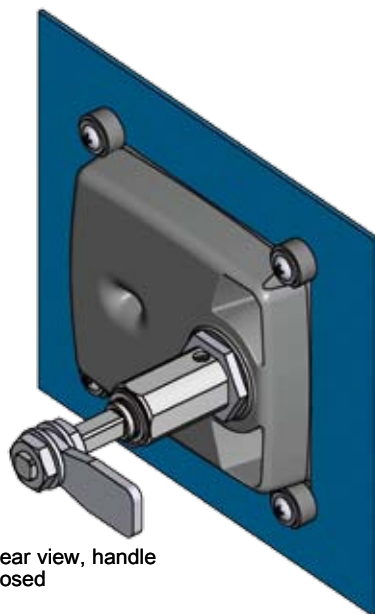
Further parts see page

– Cam (GH=36) 1C-120

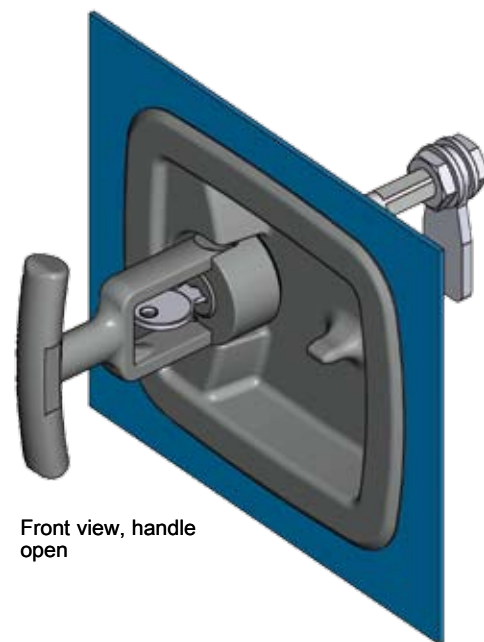
Attention: When selecting this cam the H-dimension is reduced by 1 mm.

– Spare key

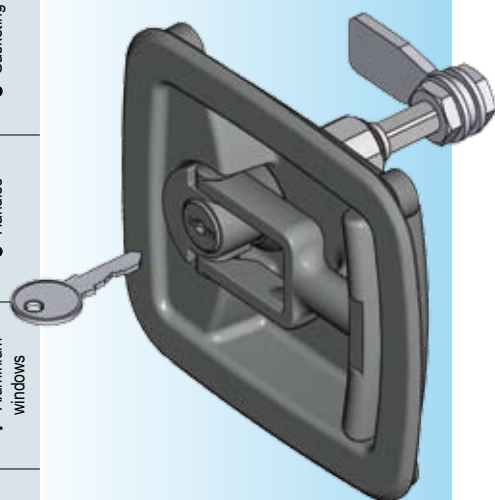
12B-140



Rear view, handle closed

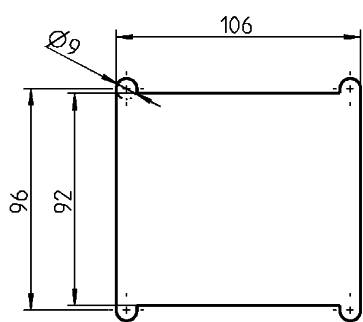


Front view, handle open

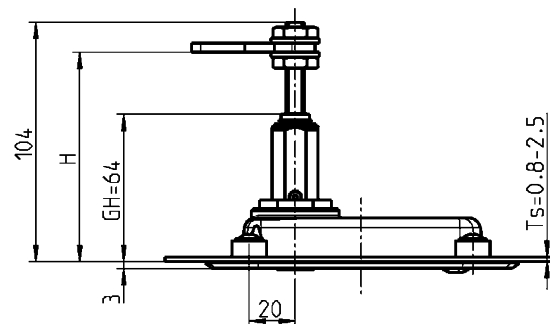
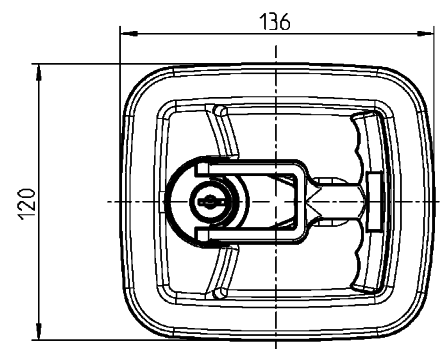


Note:

By pressing in the T-handle into the dish, a clamping effect is achieved.



Cut out



Further parts see page
– Cam (GH=64)
– Spare key

1C-137
12B-140

Recess T-Handle polyamide GF black, housing zinc die,
fixing material m.s. zinc plated, with seal.
Each round cylinder has one key m.s. nickel plated.

keyed EK 333

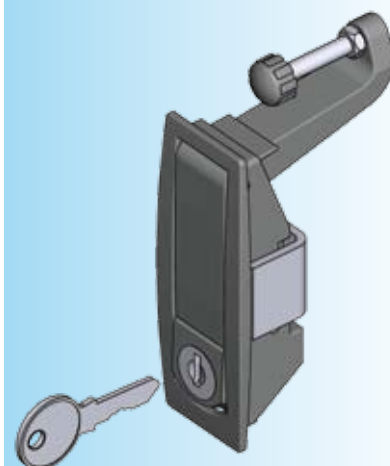
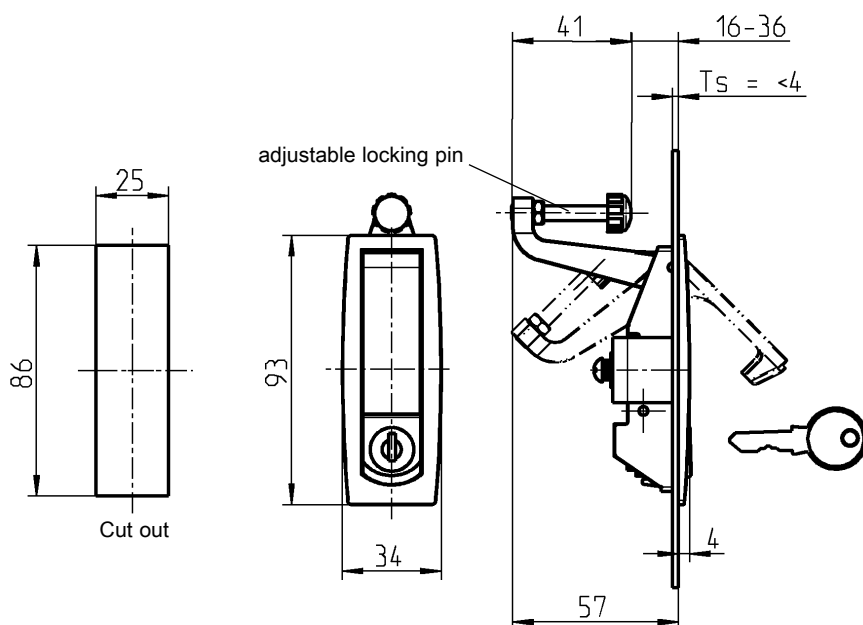
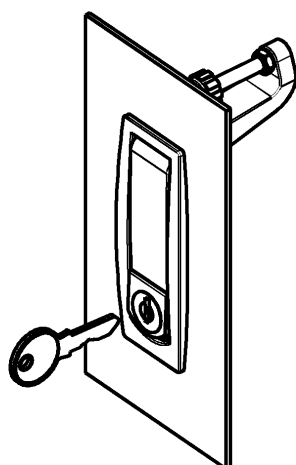
1130-U10

keyed different

1130-U11

Compression Latch

PROGRAM 1130



Compression latch zinc die black powder coated, locking pin m.s. zinc plated / TPE-V, fixing material m.s. zinc plated.
Each round cylinder has one key m.s. nickel plated.

keyed EK 333

1130-U8

keyed different

1130-U8-V

Blank

1130-U9

Further parts see page
– Spare key

12B-140



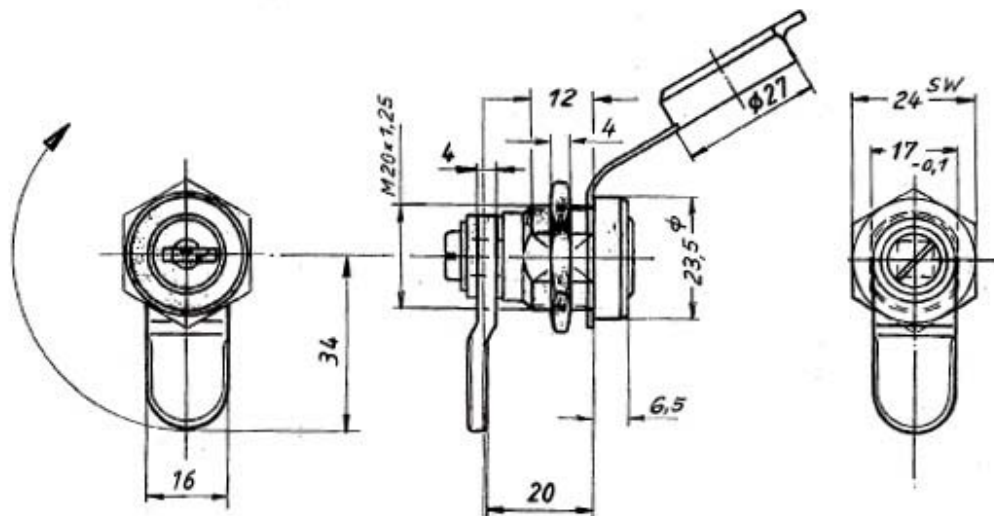
- polished chrome, single locking, GX
- with cranked cam
- Door thickness 12 mm

Further parts see page
– Dust cap 12F-370



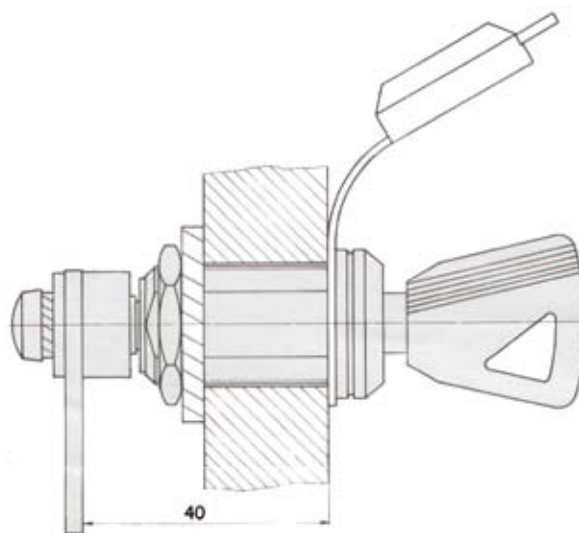
- with loose accessories
- for clip-in cylinders, compatible with POS-clip-in cylinder 9850 (see catalogue page 12F-225)
- Door thickness max 30 mm
- other door thicknesses on request
- without dust cap

Further parts see page
– Dust cap 12F-375
– Clip-in cylinder 12F-225



Cam lock and round cylinder zinc die chrome plated, screw and nut ms zinc plated with seal

without key	0468-U274-IK
with 2 keys	0468-U276-IK

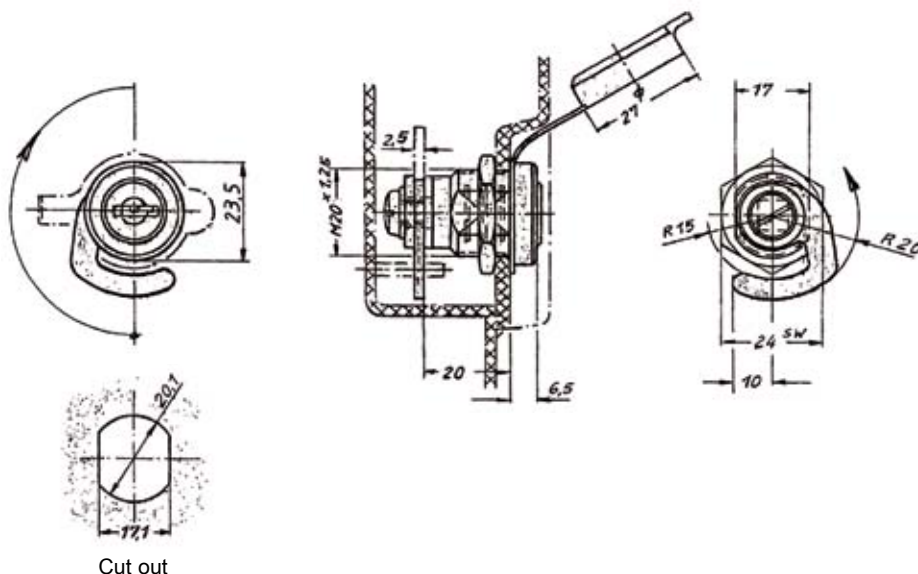


Cylinder cam lock zinc die black plated; nut ms zinc plated, with seal

without plug cylinder	9311-U610-AA
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Quarter turn with cylinder

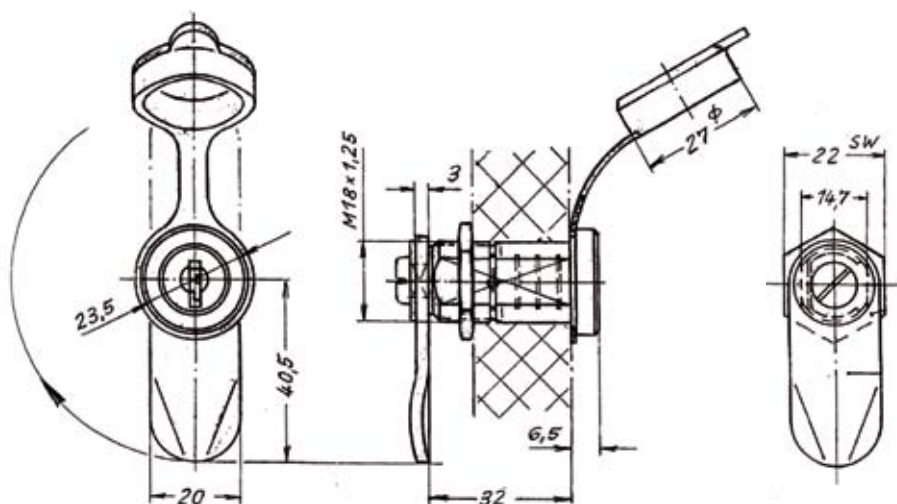
PROGRAM 0468, 7113, 9850



Cut out

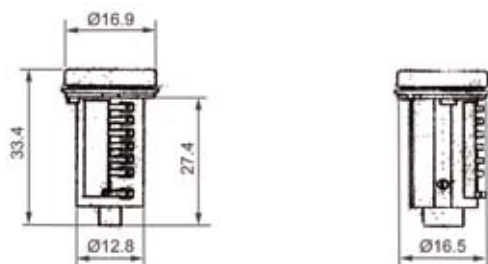
Cam lock and round cylinder zinc die chrome plated with 2 keys; Polyethylene dust cap ivory, screw and nut ms zinc plated

0468-U263-IK



Cam lock and round cylinder zinc die chrome plated with two keys, screw and nut ms zinc plated

7113-281-20



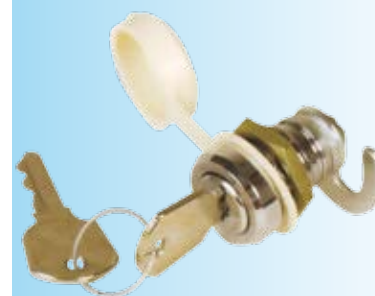
Cylinder zinc die plated with stainless steel cap with 2 keys

keyed 8888

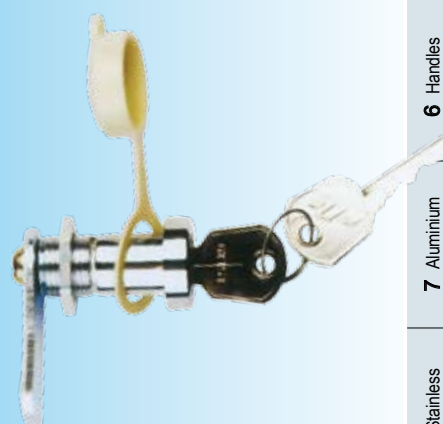
9850-U100

keyed different

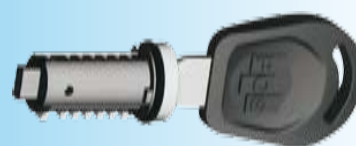
9850-U101



- polished chrome, single locking, GX
- with catch
- Door thickness 12 mm
- with 2 keys and dust cover



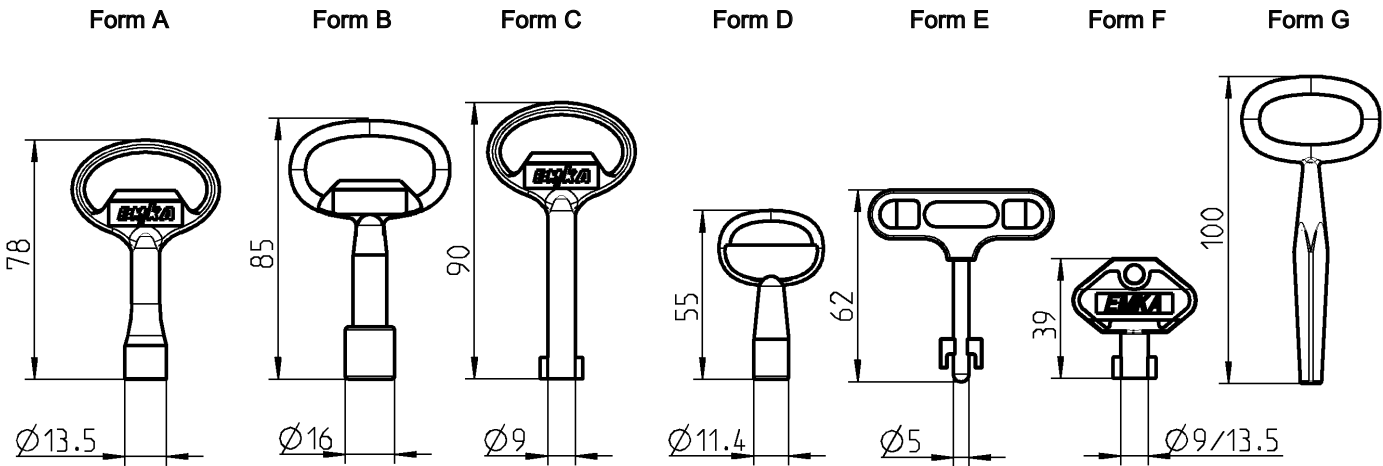
- polished chrome, single locking, GX
- with straight cam
- Door thickness 20-30 mm
- with 2 keys and dust cover



- Clip-in cylinder GD-Zn, chrome plated
- identical in construction to the current clip-in cylinder systems
- 1000 different locking codes

Key

PROGRAM 1004

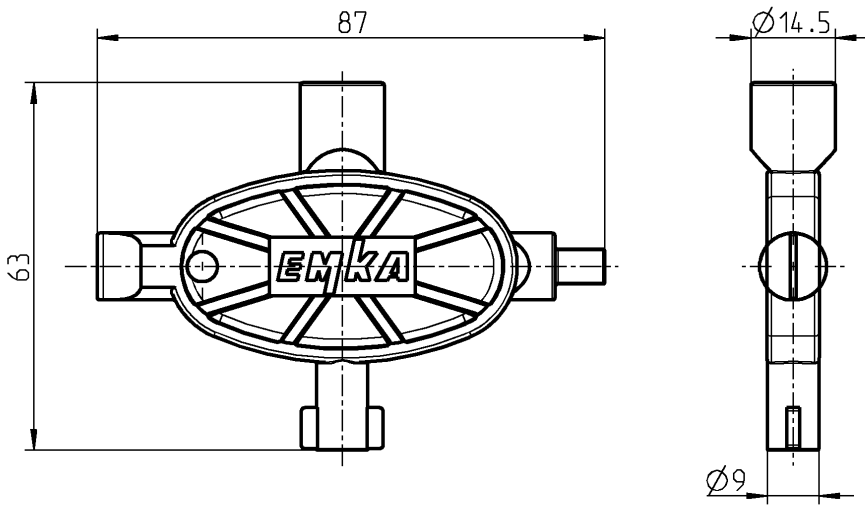


Keys can be supplied on request with customer logo
 Minimum quantity: Form A, B, C, D
 Minimum quantity: Form E, F, H

2,000 pieces
 5,000 pieces

Key-Form	A	B	C	D	E	F	G
	Zinc die black p.c.	Zinc die black p.c.	Zinc die black p.c.	Zinc die black p.c.	Zinc die/ polyamide black	Polyamide GF black	GTW nickel
Square 6	1004-18	–	–	1004-20	–	1004-37	–
Square 7	1004-01	–	–	–	–	1004-36	–
Square 8	1004-02	–	–	–	–	1004-35	–
Triangular 6.5	–	–	–	1004-21	–	–	–
Triangular 6.5mm CNOMO	1004-26	–	–	–	–	–	–
Triangular 7	1004-03	–	–	–	–	1004-39	–
Triangular 8	1004-04	–	–	–	–	1004-38	–
Triangular 10	–	1004-24	–	–	–	–	–
Crown type	–	1004-31	–	–	–	–	–
Eastern Europe Ø13 half round	–	1004-42	–	–	–	–	–
Double bit 3	–	–	1004-05	–	–	1004-34	–
Double bit 5	–	–	1004-06	–	–	1004-33	–
Male hexagon 11.1 with indicator	–	1004-54	–	–	–	–	–
Daimler Benz	1004-17	–	–	–	–	–	–
FIAT	–	–	–	–	1004-41	–	–
Square male 6	1004-29	–	–	–	–	–	–
Square male 8	1004-30	–	–	–	–	–	–
Square male 6 – 9.5	–	–	–	–	–	–	1004-19
Hexagon head 8 with boring	1004-49	–	–	–	–	–	–
Tube	–	–	–	1004-51	–	–	–

Form H

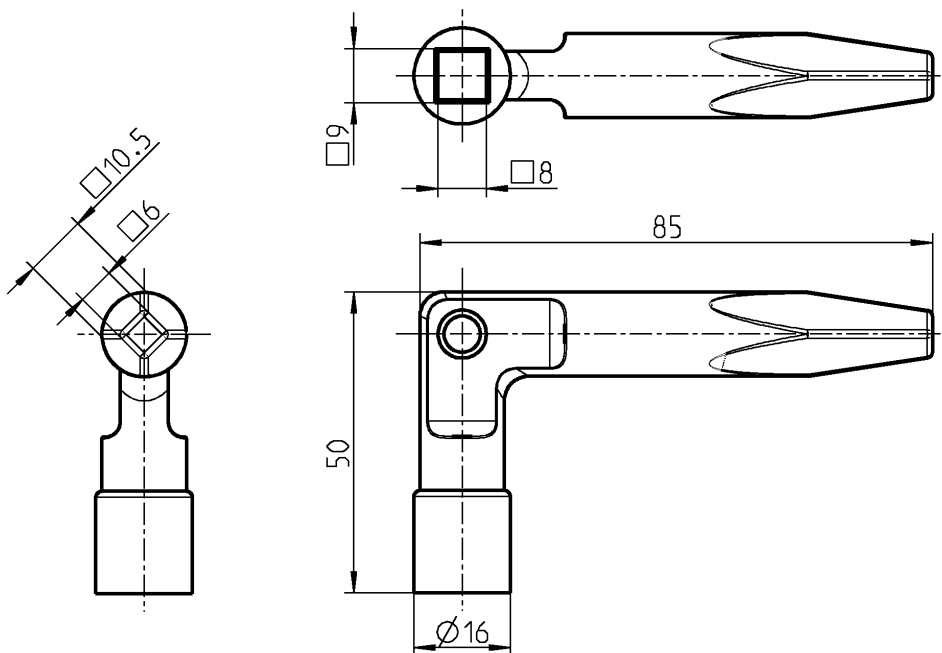


Form H, universal-key polyamide blue

Square male 6, Square 8, Double bit 5 and Slot insert

1004-48

Form I

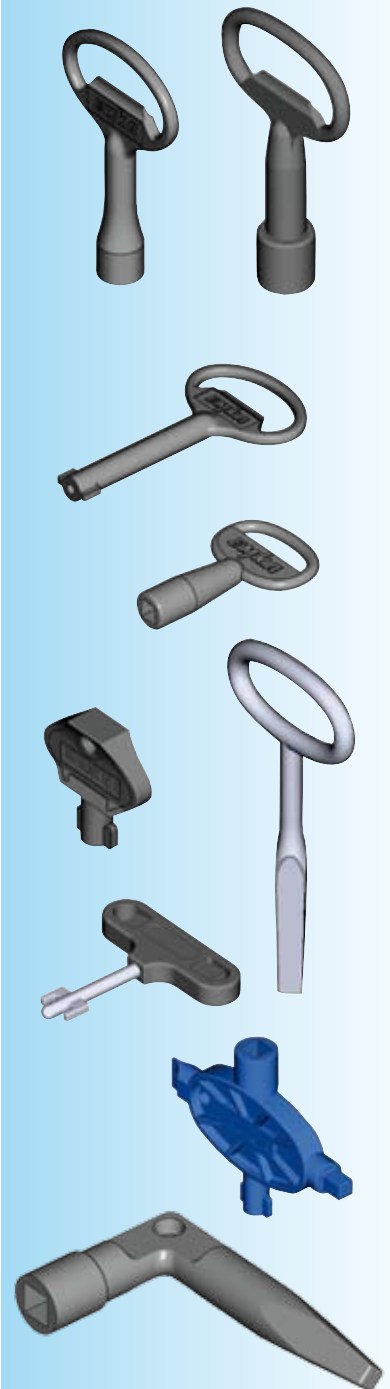


Form I, railway version, zinc die black

Square 8 - 9, square male 6 - 10.5

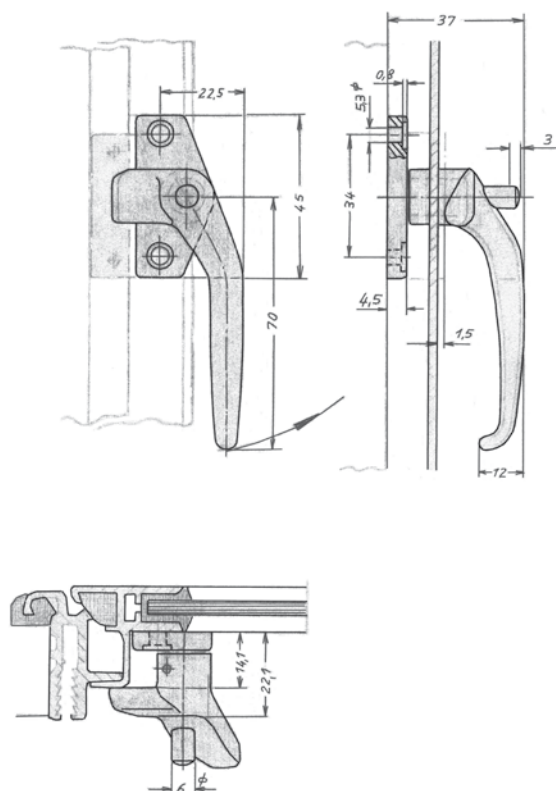
1004-52

For links to catalogue pages that are not in the Commercial Vehicles Catalogue, see the complete catalogue 2011



Attention:
Keys from A, B, C, E, F, G and I
not suitable for program 1022

Stainless steel key
on request



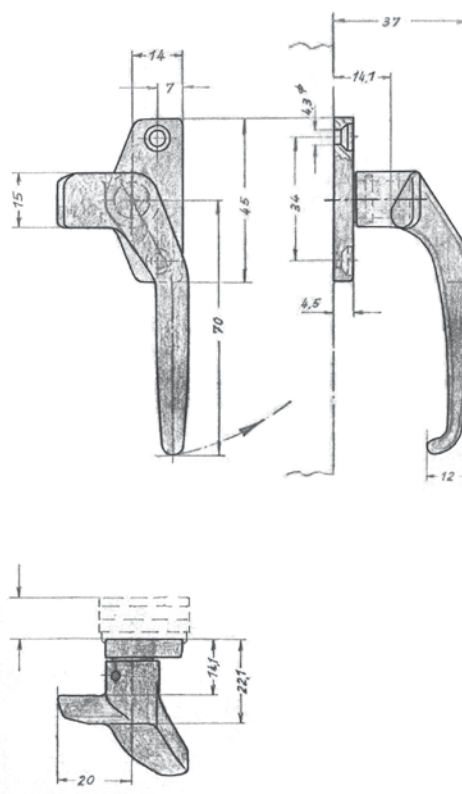
Rotary latch zinc die chrome plated

right, as drawn

5072-U800-IA

left mirror image

5072-U801-IA

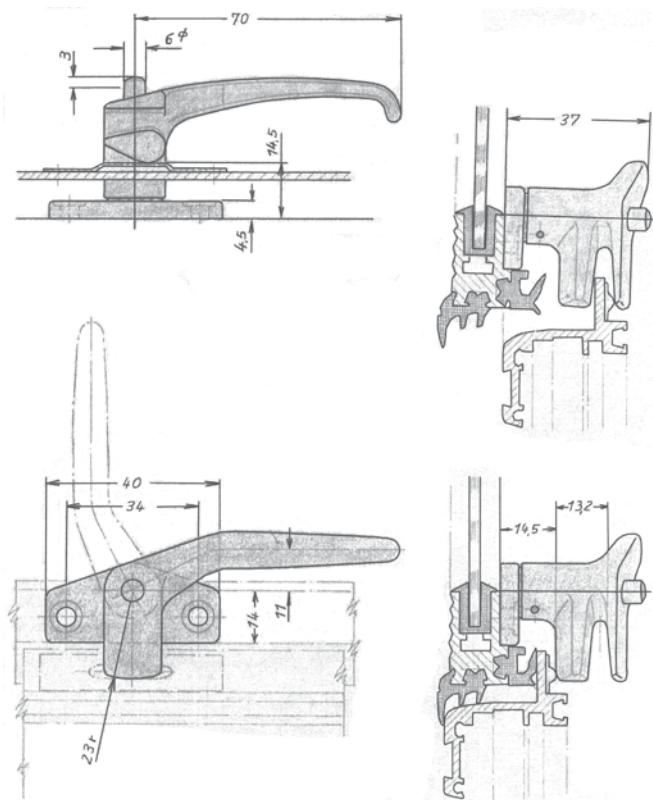


Rotary latch zinc die chrome plated

5072-U804-IA

Rotary latch
PROGRAM 5072

Info	1 Quarter turns	2 Rod controls	3 Locking systems	4 Hinges	5 Gasketing	6 Handles	7 Aluminium windows	8 Stainless steel	9 Latches	10 Air-conditioning	11 ELM Security Systems	12 Miscellaneous
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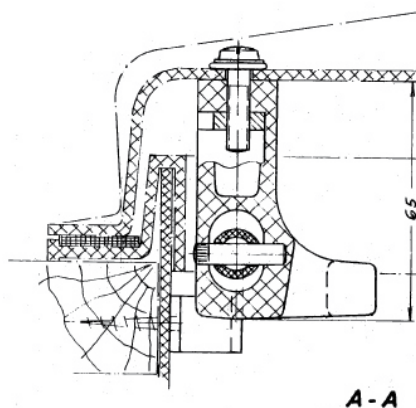
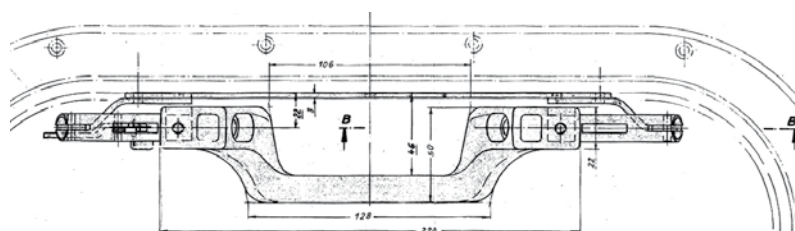
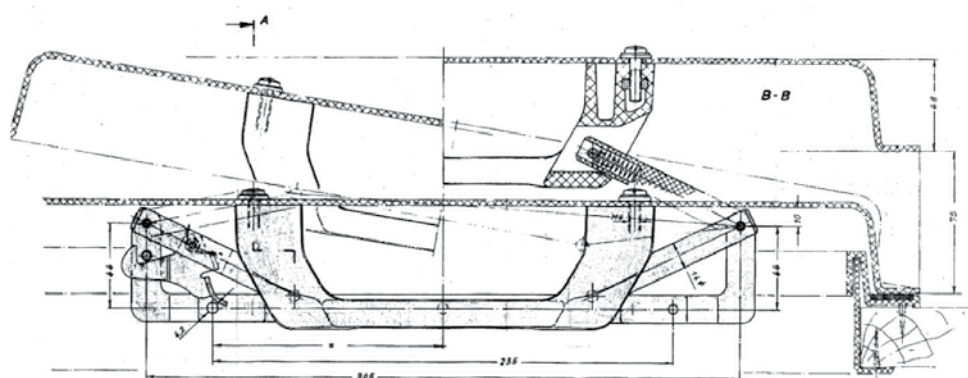


Rotary latch with vent position zinc die chrome plated	
right, as drawn	5072-U805-IA
left mirror image	5072-U806-IA

Roof hatch opener with catch PROGRAM 5124



- with catch
- white powder coated, RAL 9010



Detail; Catch

Roof hatch opener white polypropylene, RAL 9010; mounting bracket ms powder coated white, RAL 9010; catch ms zinc plated

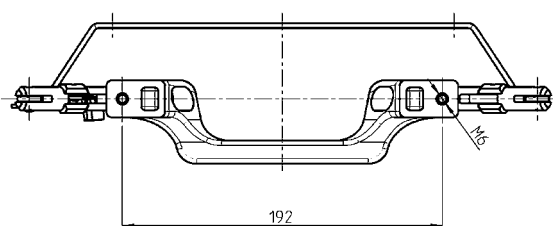
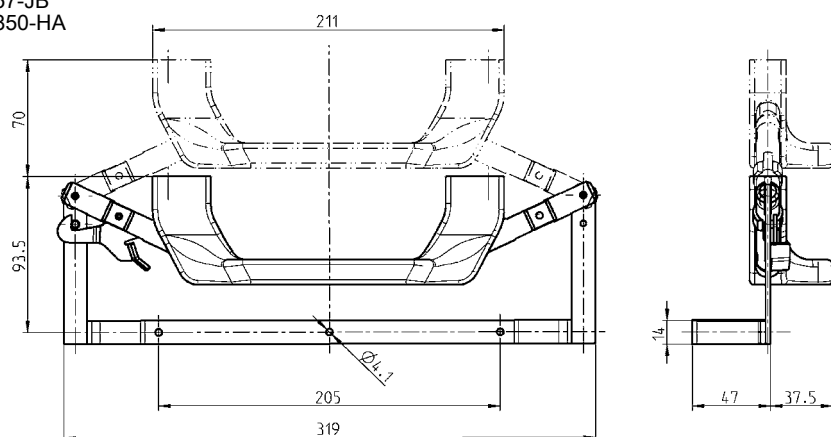
5124-U853-HA

12F-260

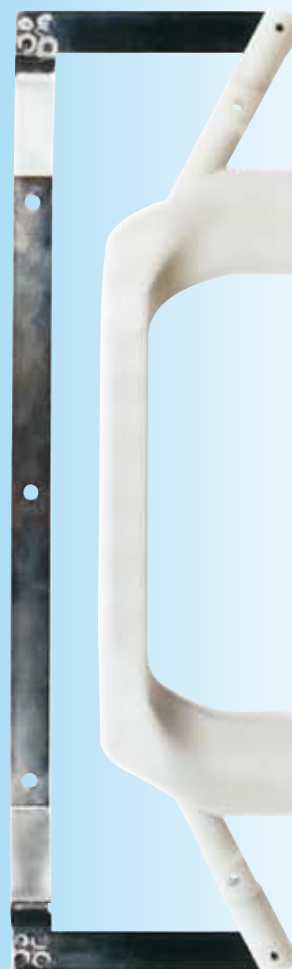
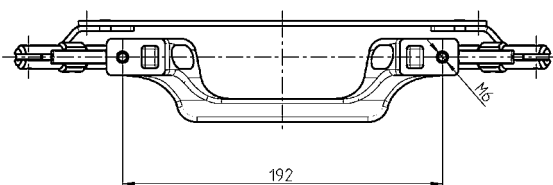
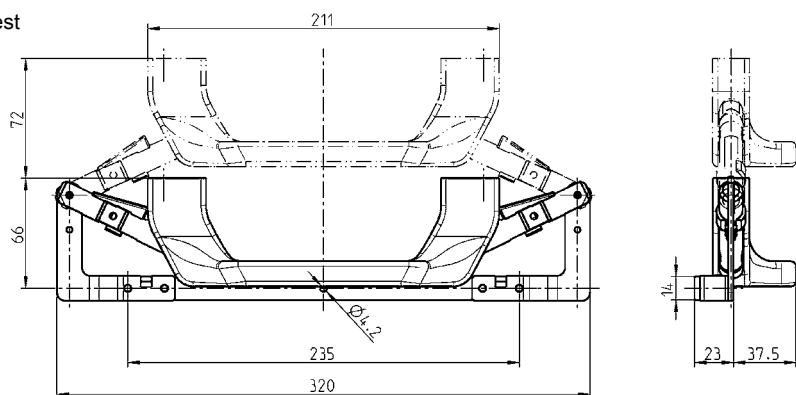
Roof hatch opener with and without catch

PROGRAM 5124

5124-U856-JB
5124-U57-JB
5124-U850-HA



on request



Roof hatch opener natural polypropylene; mounting bracket and catch ms zinc plated

without catch 5124-U856-JB

with catch 5124-U857-JB

Roof hatch opener white polypropylene, RAL 9010; mounting bracket ms powder coated white, RAL 9010

5124-U850-HA

**Roof hatch opener light grey polypropylene; mounting bracket ms zinc plated
2 locking slides polyamide light grey**

on request

1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

8 Stainless steel

9 Latches

10 Air-conditioning

11 ELM Security Systems

12 Miscellaneous

Window opener PROGRAM 5077, 5101

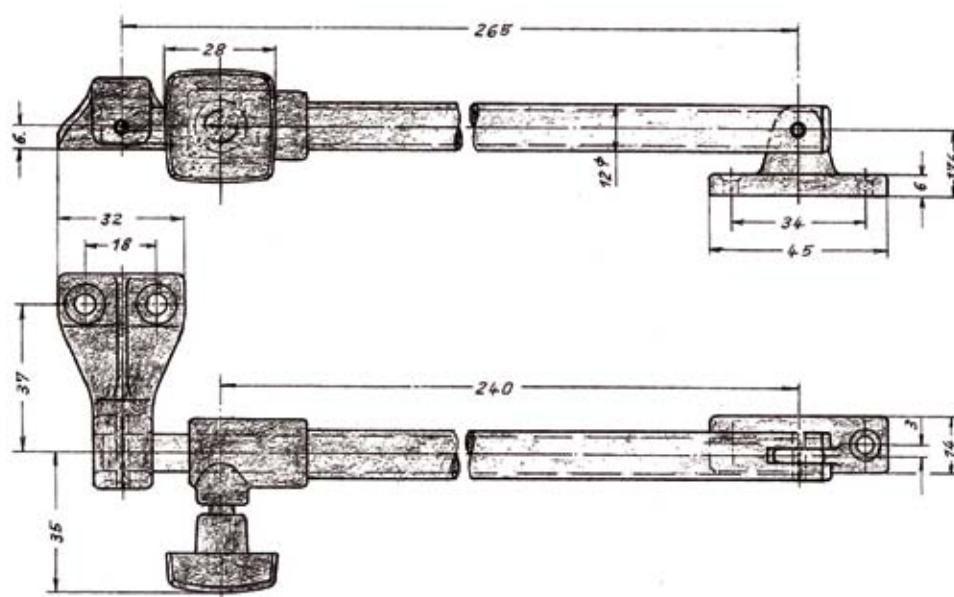
Beschlagteile



- Length 265 mm
- Round rod silver-coloured anodised
- Plastic parts light grey
- similar RAL 7035

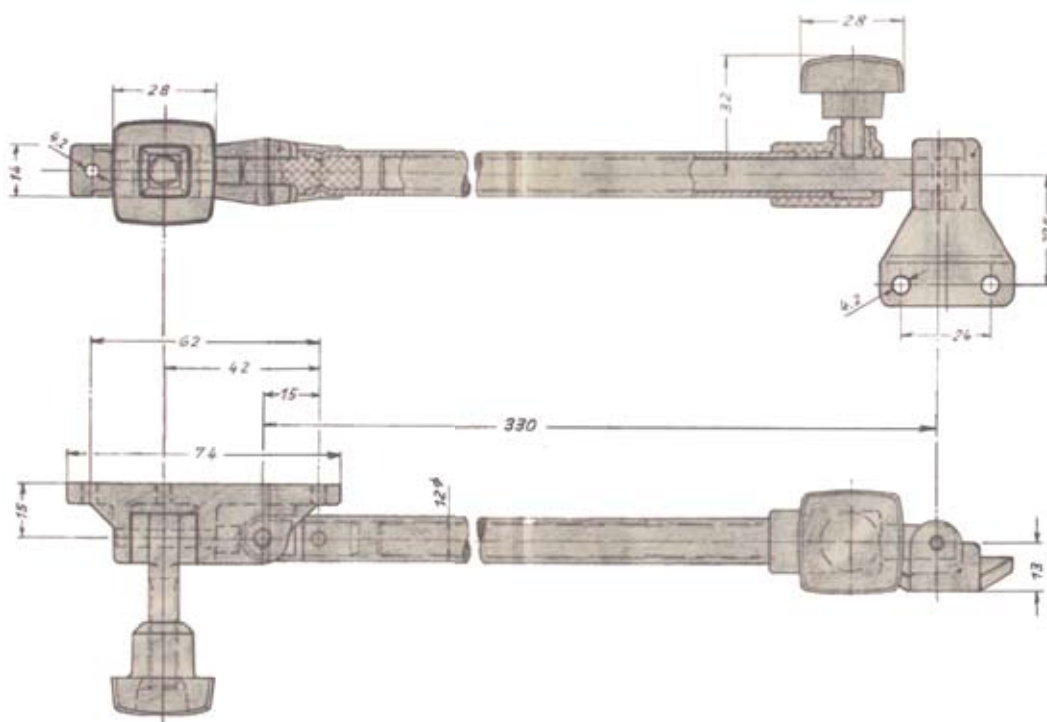


- Length 310 mm
- Round rod silver-coloured anodised
- Plastic parts light grey
- similar RAL 7035



Window opener polyamide light grey, round bar aluminum anodized

5077-U752-BD



Window opener polyamide light grey, round bar aluminum anodized

right, as drawn

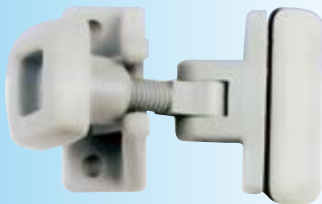
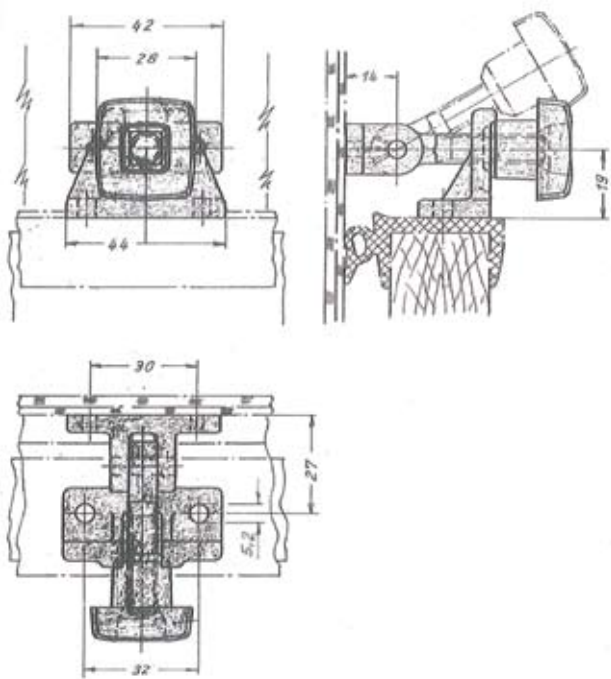
5101-U750-BD

left mirror image

5101-U751-BD

12F-280

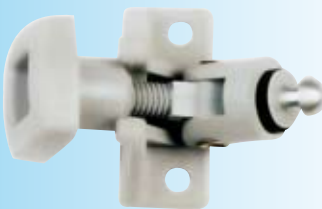
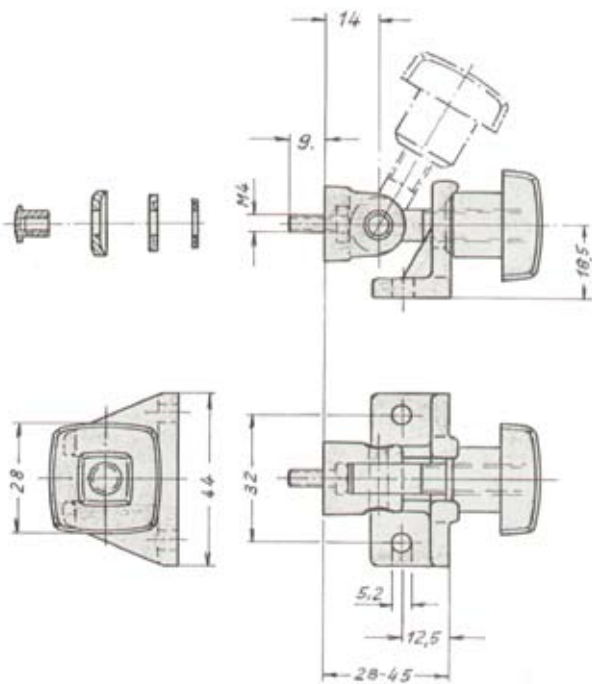
Shaft latch PROGRAM 5101



- with bracket

Spindle lock polyamide grey

5101-U810-BD

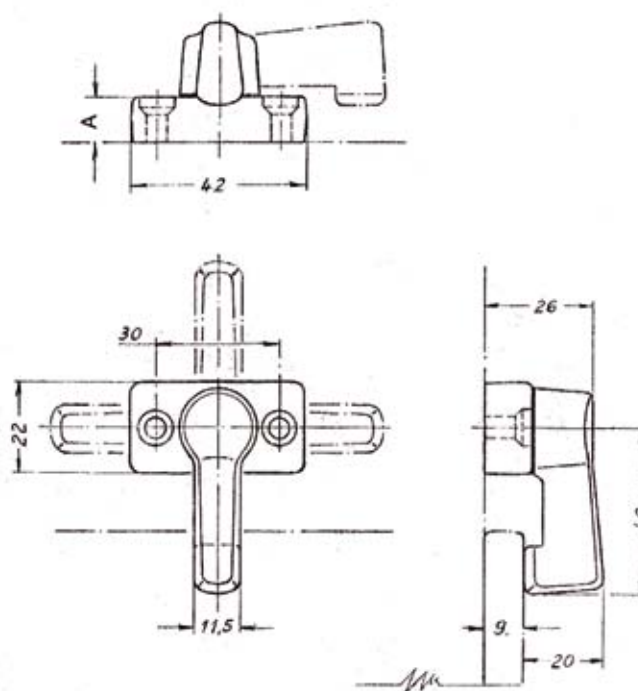


- with bracket
- with single point fastener

Spindle lock polyamide grey, washers plastic and aluminum; pin ms

5101-U816-BD

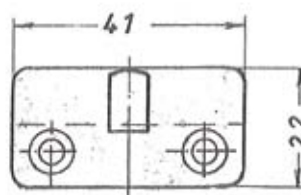
1	Quarter turns
2	Rod controls
3	Locking systems
4	Hinges
5	Gasketing
6	Handles
7	Aluminium windows
8	Stainless steel
9	Latches
10	Air-conditioning
11	ELM Security Systems
12	Miscellaneous



Further parts see page
– Catch plate see below



■ suitable for all door locks



t = 5

Further parts see page
– Door lock see above

Door lock zinc die chrome plated

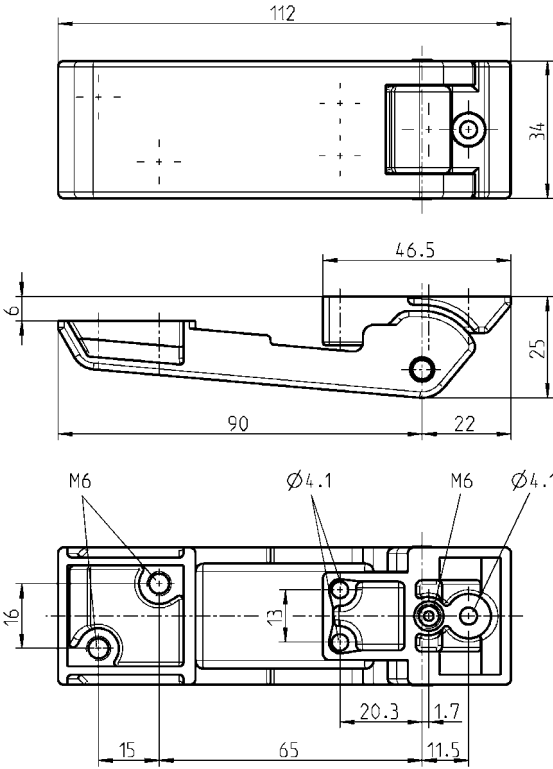
A = 5 mm	5100-U830-IA
A = 8 mm	5100-U831-IA
A = 11 mm	5100-U832-IA

Catch plate polyamide colour of your choice

cream white	5100-4000-HA
grey	5100-4000-BD

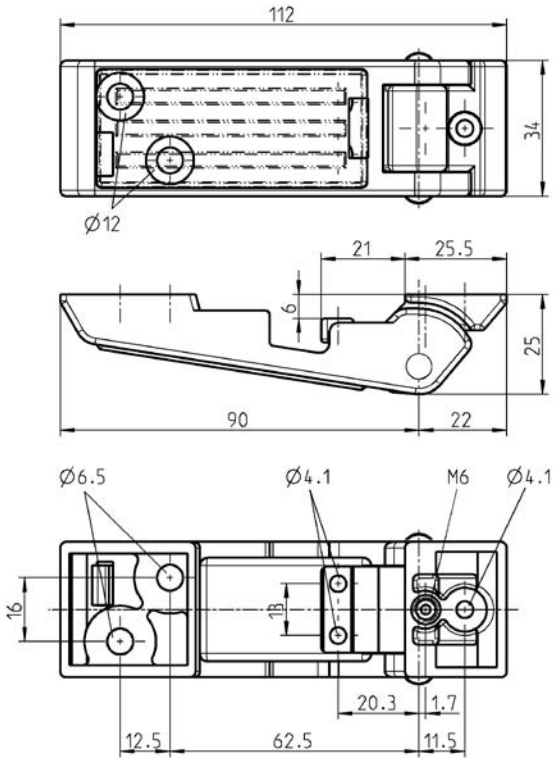
Hinge

PROGRAM 3060, 3068



Hinge zinc die powder coat aluminum, RAL 9006; hinge pin ms zinc plated

3060-U380-BK



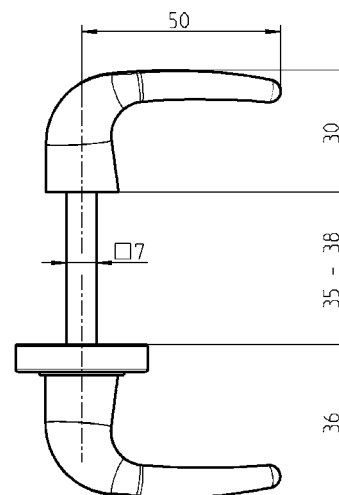
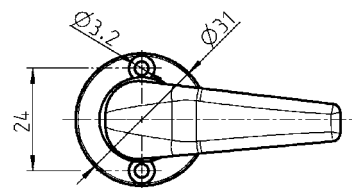
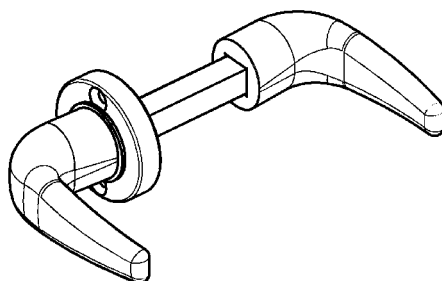
Hinge zinc die powder coat aluminum, RAL 9006; plastic cover polystyrene ivory-coloured; Hinge pin brass zinc plated

on request

1	Quarter turns
2	Rod controls
3	Locking systems
4	Hinges
5	Gasketing
6	Handles
7	Aluminium windows
8	Stainless steel
9	Latches
10	Air-conditioning
11	ELM Security Systems
12	Miscellaneous



for 35 mm door thickness



Lever handle aluminium coating of choice; shaft ms

silver-coloured anodised

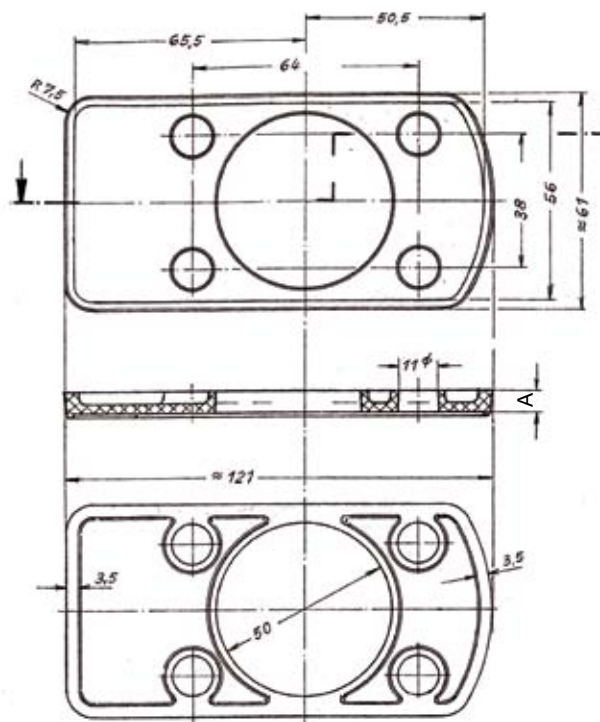
5702-U834-NA

gold-coloured anodised

5702-U834-NB



- for locks 5131/5171, 9301/5271
- further colours upon request



Support plate polystyrene black

A = 2 mm

5131-4000-AA

A = 4 mm

5131-4001-AA

A = 10 mm

5131-4002-AA

Further parts see page

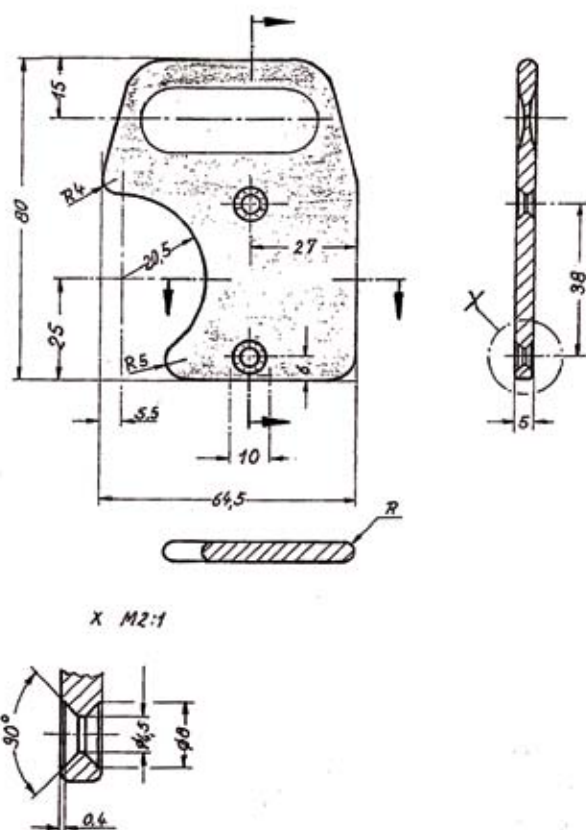
– Interior lock

12F-125

12F-130

12F-140

Handle plate, dust cap PROGRAM 5131, 7027



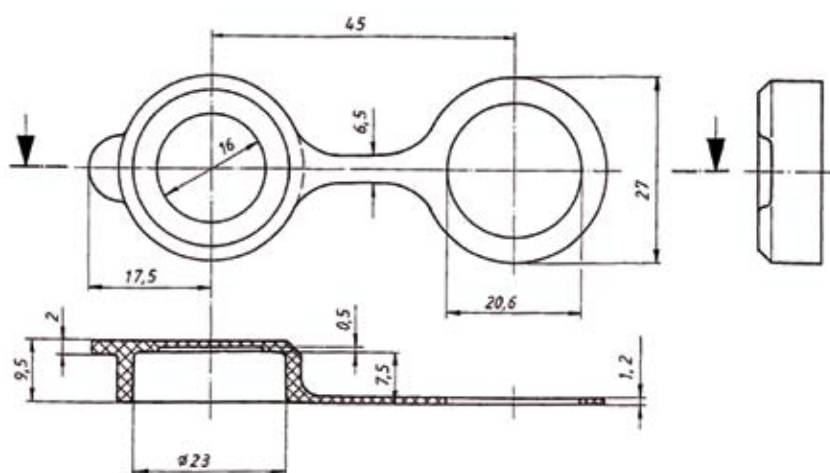
- for interior locks
- Hole center distance 38 mm
- further colours upon request

Handle plate polyamide black

5131-4064-AA

Further parts see page
– Interior lock

12F-130



Dust cap polyethylene colour of your choice

black

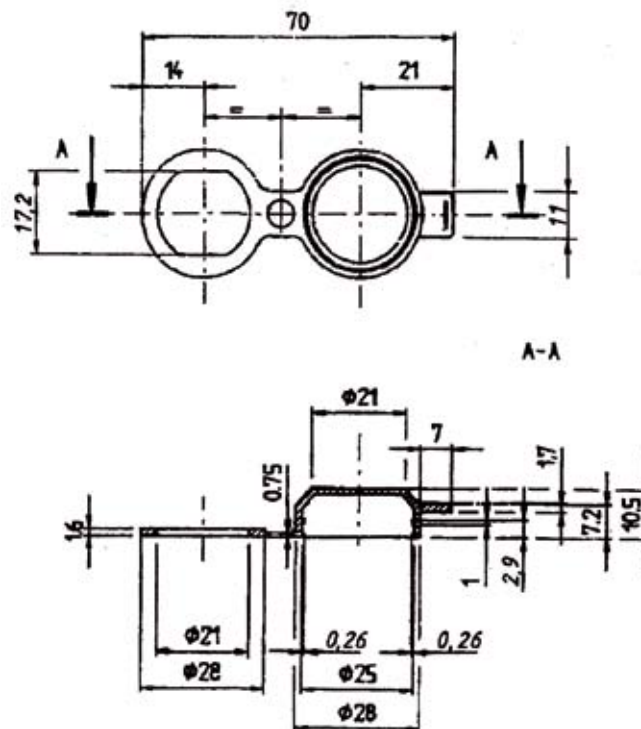
7027-4002-AA

ivory

7027-4003-HB

Further parts see page
– Quarter turn with cylinder
(Program 0468)

12F-215
12F-225



Further parts see page
Quarter turn with cylinder
(Program 9311) 12F-215

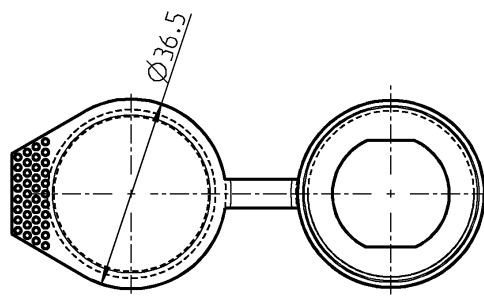
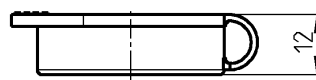
Dust cap polyethylene black

black

9311-4000-AA



■ quarter turn cover



Dust cap polyethylene black

1000-97-01

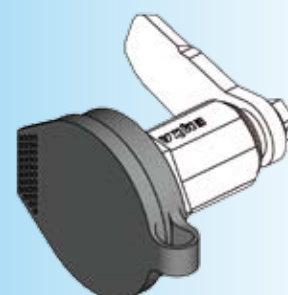
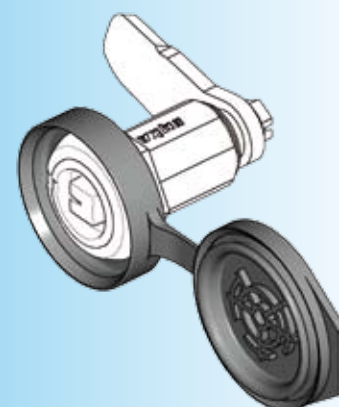
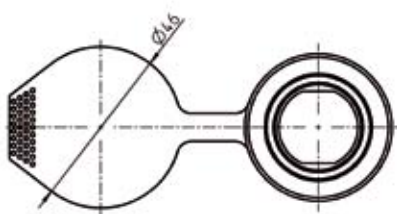
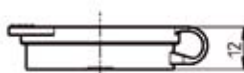
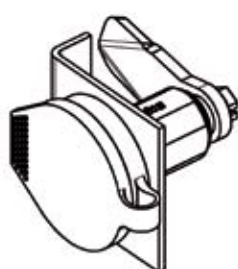
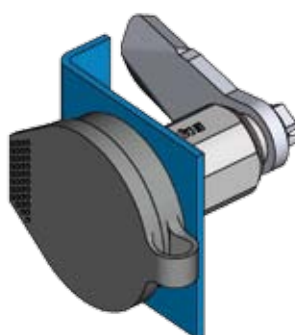
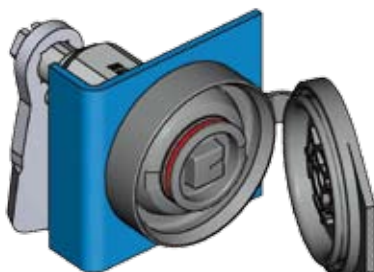
12F-375

Dust cap for high-speed trains

PROGRAM 1000

The dust cap, in conjunction with the Compression latch with visible open indicator (catalog sheet 12F-160) is a special function

The dust cap can only be closed when the quarter turn, with visual open indicator, is in the closed position.



Note

The dust cap was tested successfully by the Technical University of Dresden in respect of high-speed resistant class up to 450 km/h.

Attention:

The H-dimension will be reduced by 2 mm with this dust cap installed.

Further parts see page

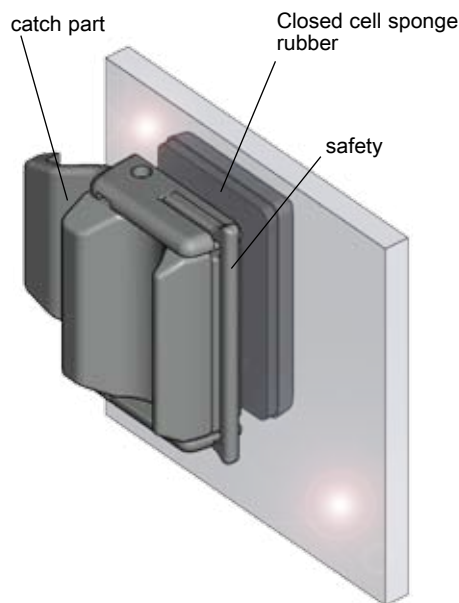
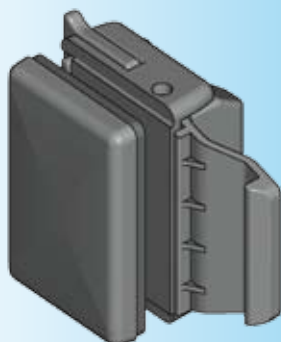
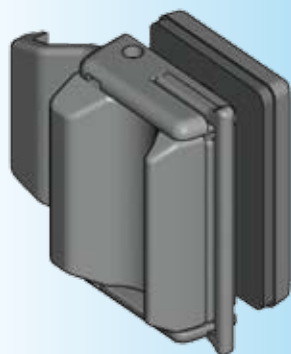
– Quarter turns

1B-120
up to 1B-222
1B-235
up to 1B-335
1B-360
1B-420
1B-840
1B-860

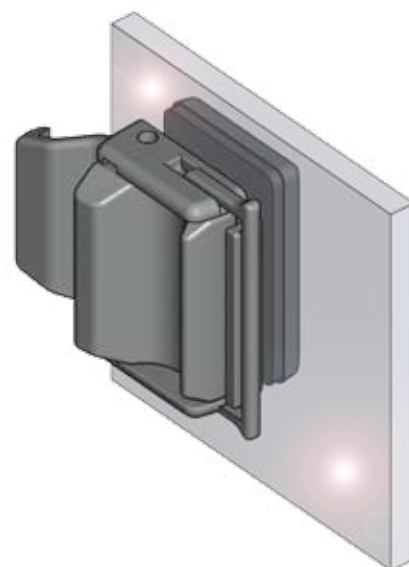
Dust cap TPE, UV resistant , black

1000-97-02

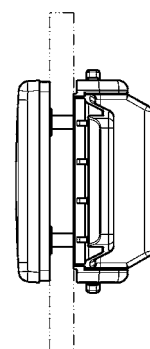
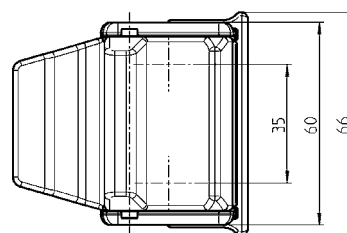
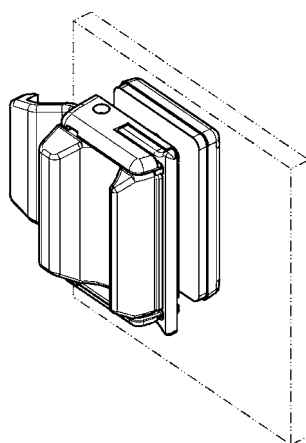
Sliding windows with safety lock PROGRAM 5101



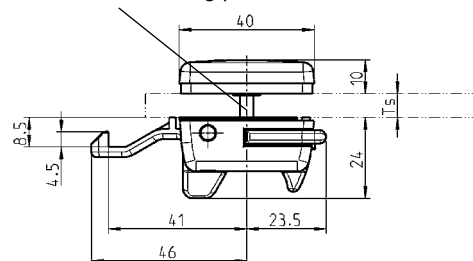
Closed position



Open condition



* self cutting plastic screw Ø4



Other versions on request

* not included

The screw length depends on the thickness of the door Ts for example:

- Ts 6 = 40x10
- Ts 8 = 40x12
- Ts 10 = 40x14

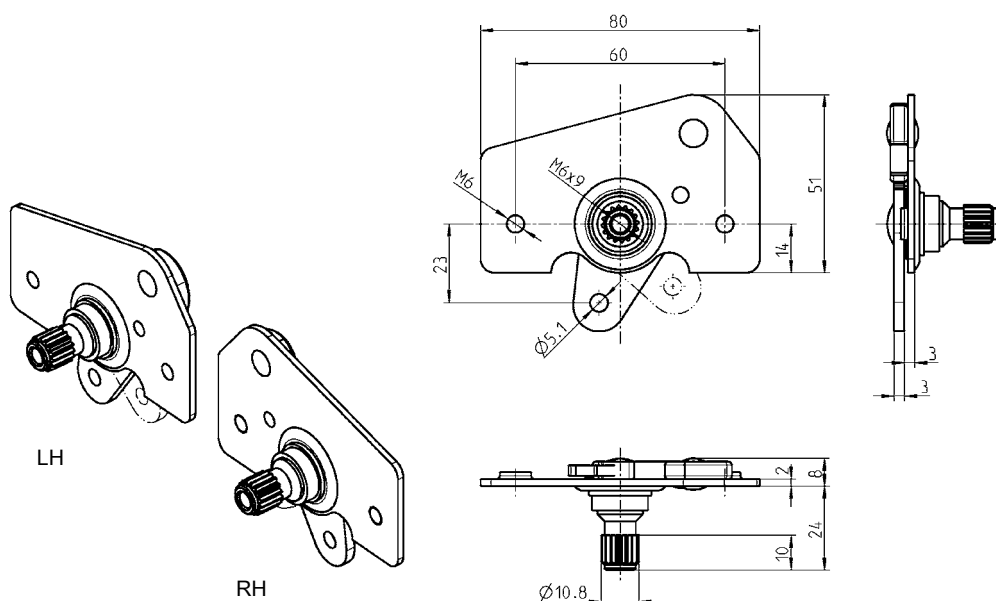
Sliding window lock UV stabilized polyamide 66 black, locking part Polyamide GF black sponge rubber EPDM adhesive on one side black, with spring

5101-SU2

12F-385

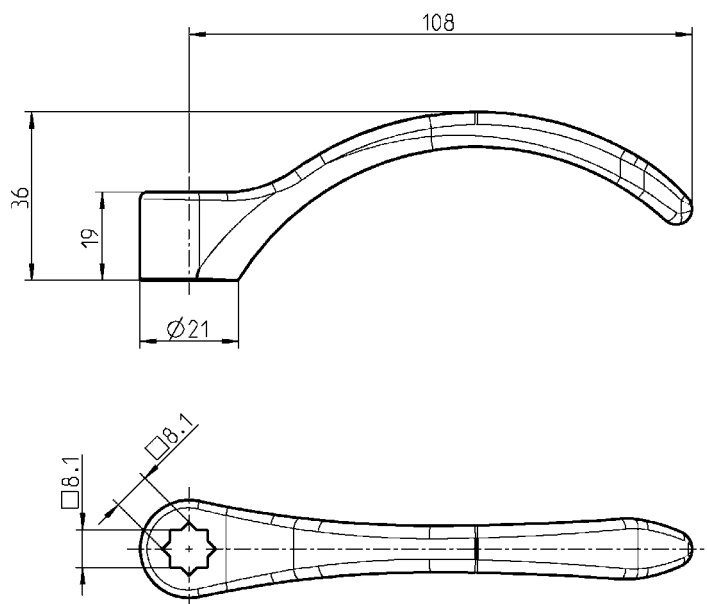
Internal control, Lock inside handle PROGRAM 1107, 5115

Beschlagteile



Internal control ms zinc plated, with spring

Right mirror image	5115-SU5-01
Left as shown	5115-SU5



Lock inside handle zinc die chrome, dome nut M8 St chrome

1107-SU439



■ 110 g/pc.

Further parts see page
– Inside handle

12F-560

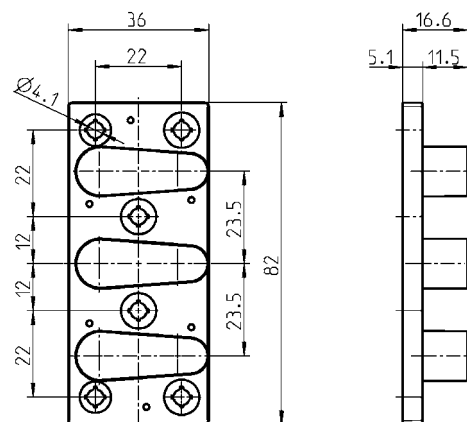
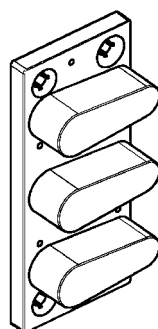


- with 8 mm square hole offset by 45 ° and nut M8
- Handle length 115 mm
- 110 g/pc.

12F-390



■ 43 g/pc.

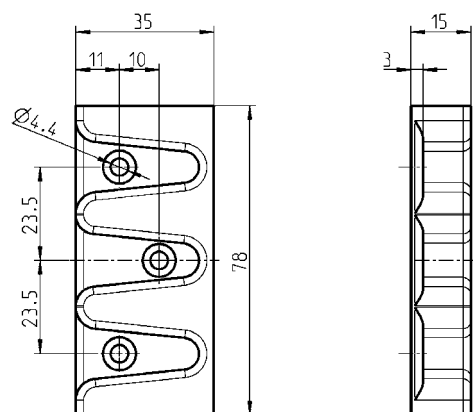
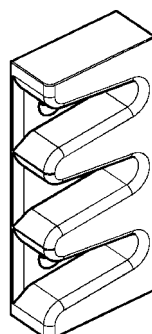


Dove tail zinc die with rubber coating self lubricated

8900-SB12-01



■ 65 g/pc.

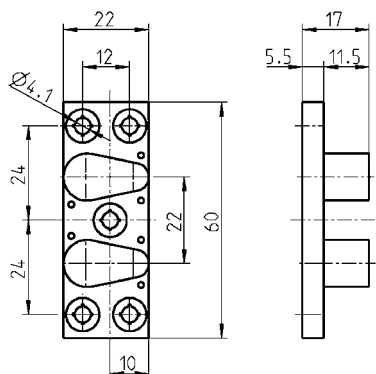
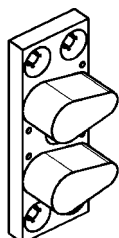


Dove tail zinc die raw

8900-S331-03KA

Dove tail

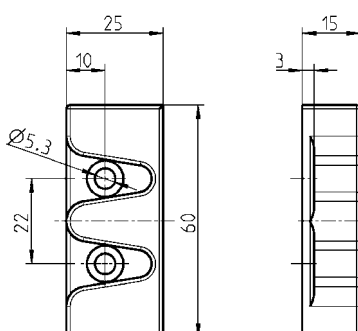
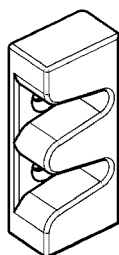
PROGRAM 8900



■ 20 g/pc.

Dove tail zinc die with rubber coating self lubricated

8900-SB11-01



■ 34 g/St.

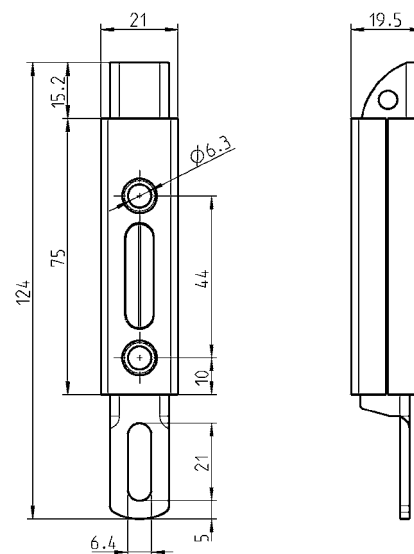
Dove tail zinc die raw

8900-S330-03KA

12F-425



- Tensile strength: 10 N = 156 g/piece
- Tensile strength: 15 N = 180 g/piece



Slam-lock m.s. zinc plated; with spring

10 N tension

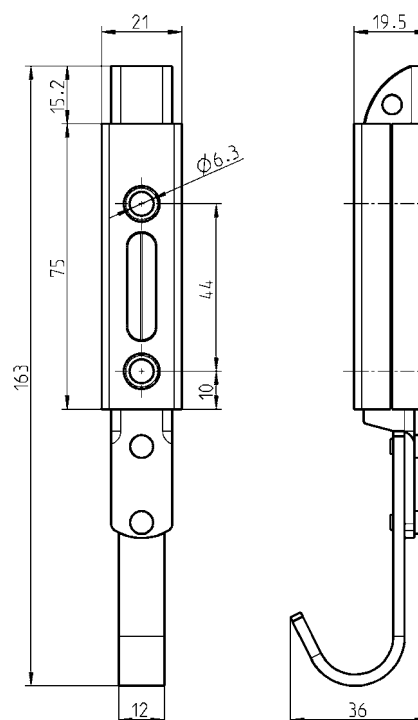
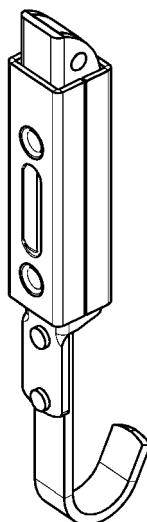
1085-U1

15 N tension

1085-SU1



- 183 g/piece

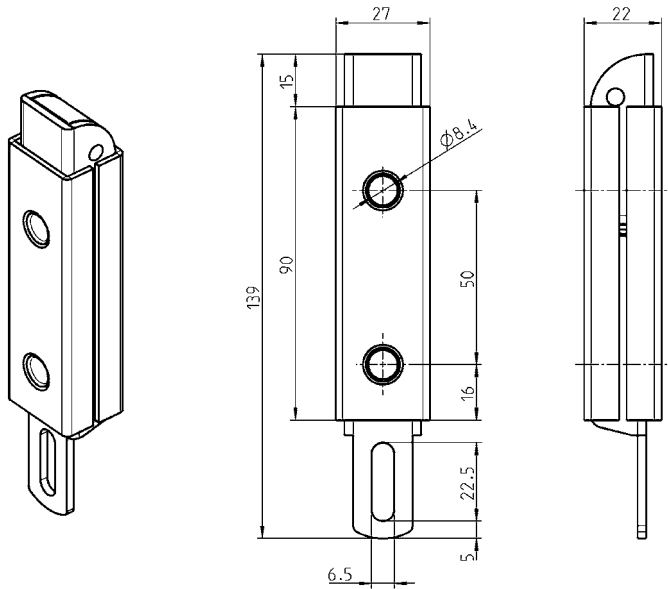


Slam-lock m.s. zinc plated; with spring

RH/LH

1085-SU8

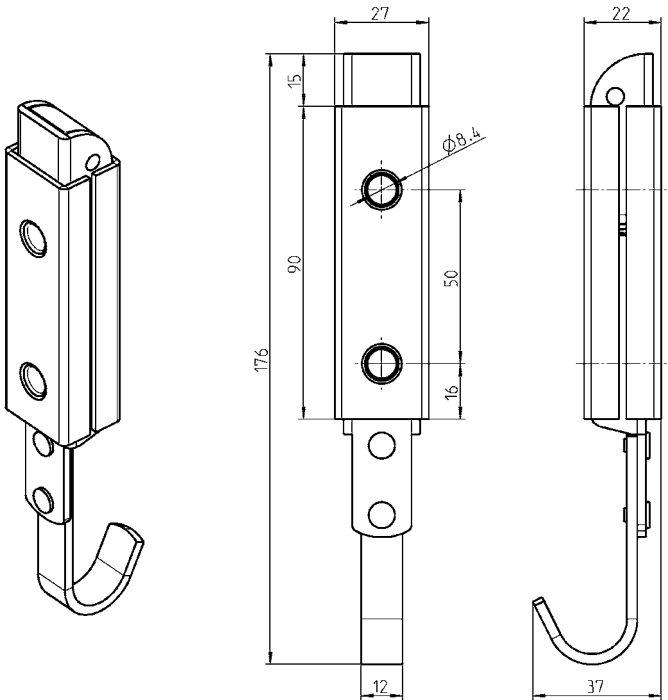
Slam-lock
PROGRAM 1085



■ 240 g/piece

Slam-lock m.s. zinc plated; with spring

1085-SU7



■ 270 g/pc.

Slam-lock m.s. zinc plated; with spring

1085-SU6

12F-445



- Door edge to sq drive c/l approx. 9.5 mm
- 70 g/pc.

Further parts see page
– Key

12F-560

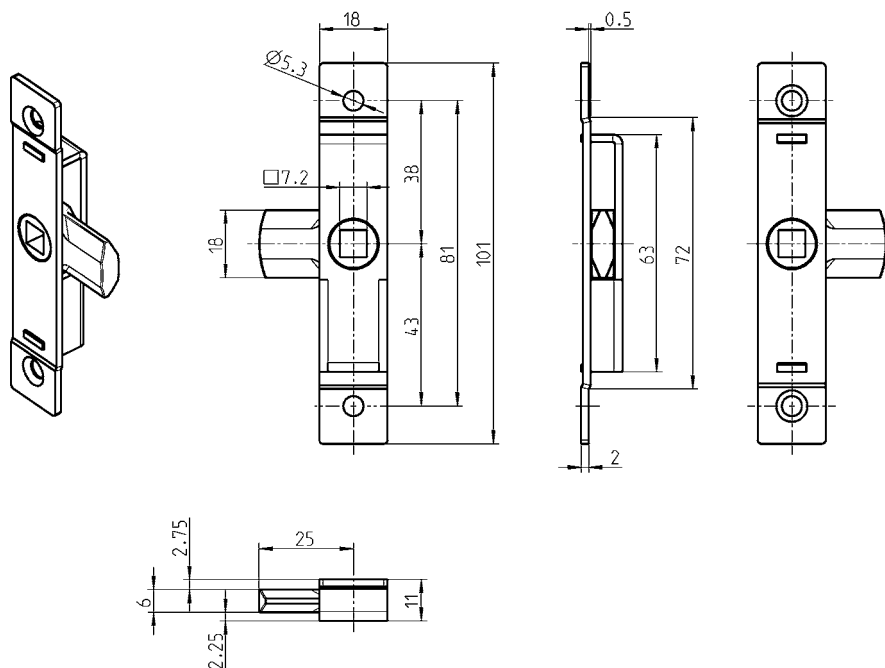


- Door edge to sq drive c/l approx. 13 mm
- 145 g/pc.

Further parts see page
– Key

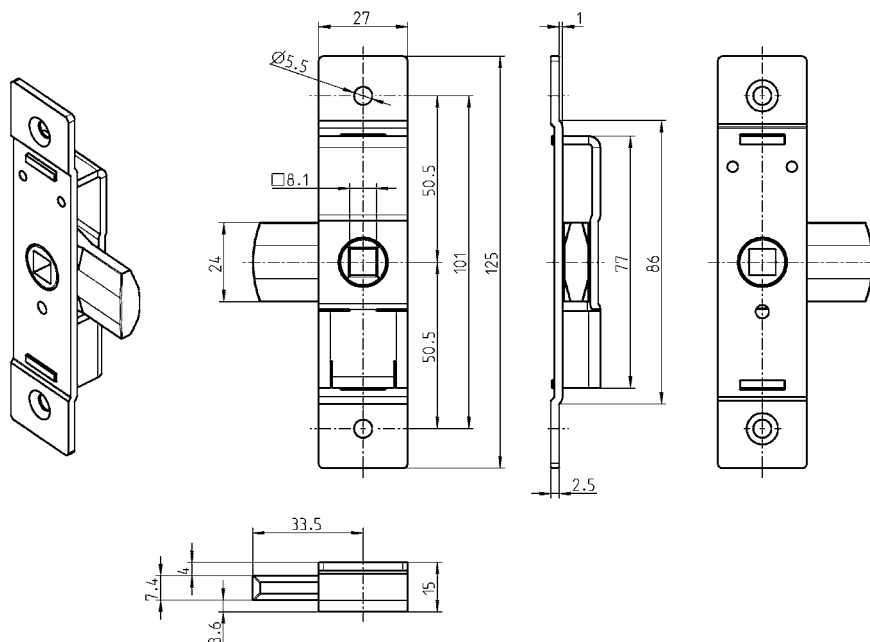
12F-560

12F-450



Housing m.s. zinc plated; cam zinc die raw; with spring

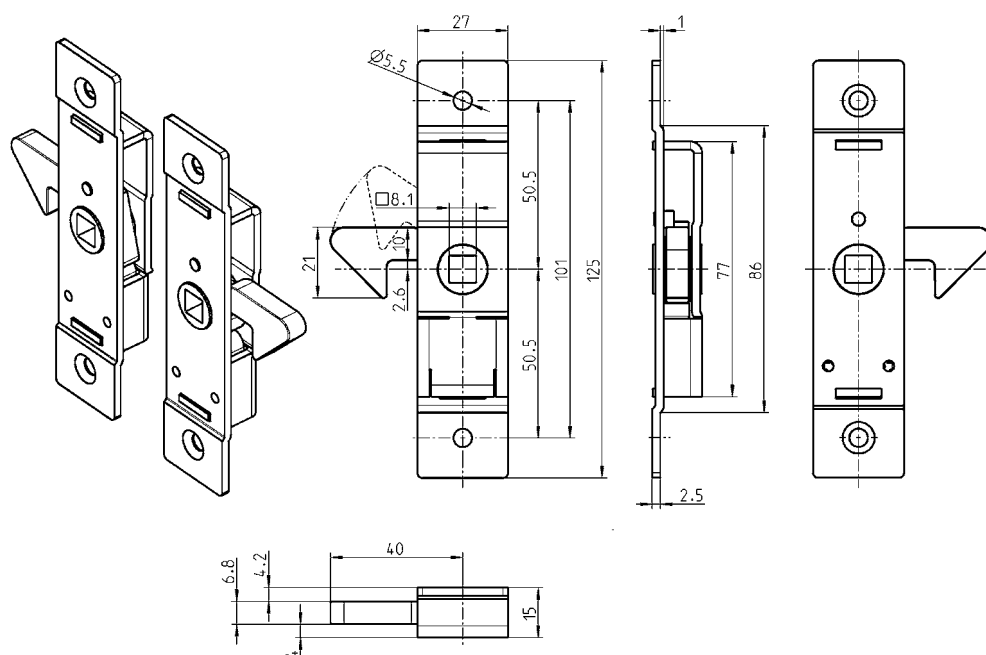
1001-U43



Housing m.s. zinc plated; cam zinc die raw; with spring

1001-U44

Hook latch PROGRAM 1001



Housing m.s. zinc plated; hook cam zinc die raw; with spring

right, as drawn

1001-U45-RE

left mirror image

1001-U45-LI



- Door edge to sq drive c/l approx. 13 mm
- 155 g/pc.

Further parts see page
– Key

12F-560

1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

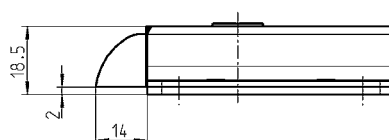
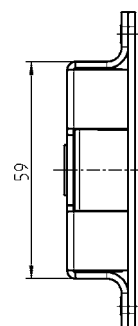
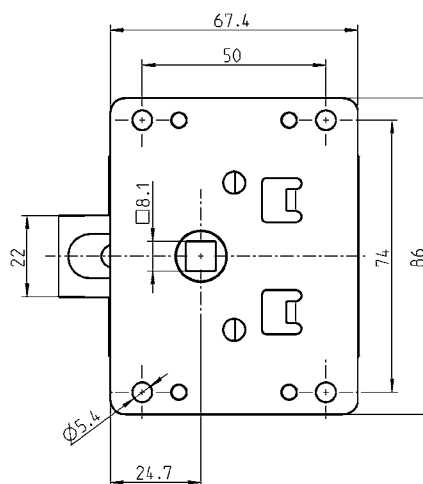
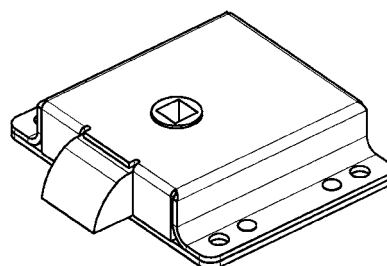
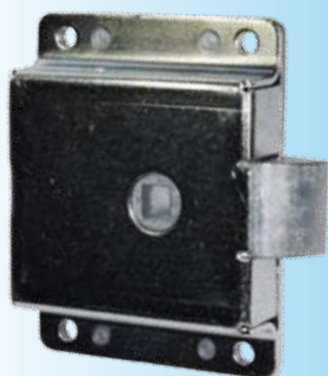
8 Stainless steel

9 Latches

10 Air-conditioning

11 ELM Security Systems

12 Miscellaneous



- Door edge to sq drive c/l approx. 25 mm
- 270 g/piece

Further parts see page
– Key

12F-560

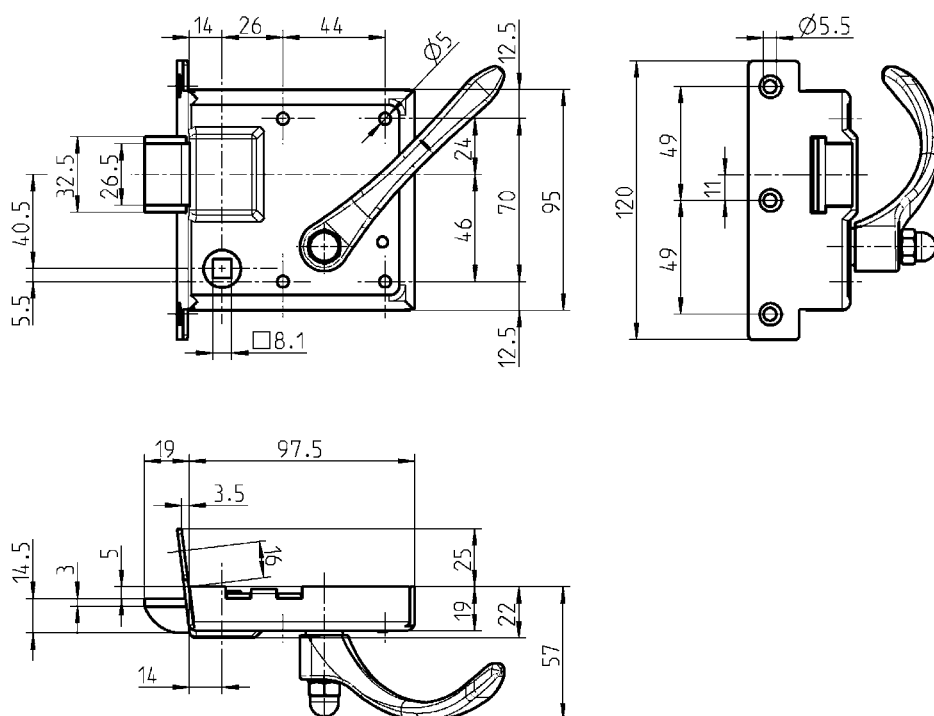
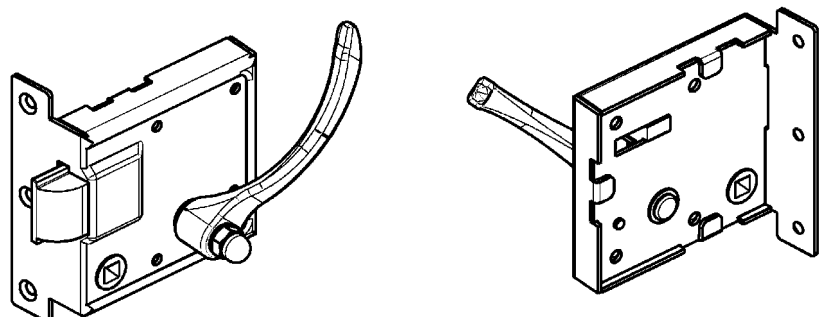
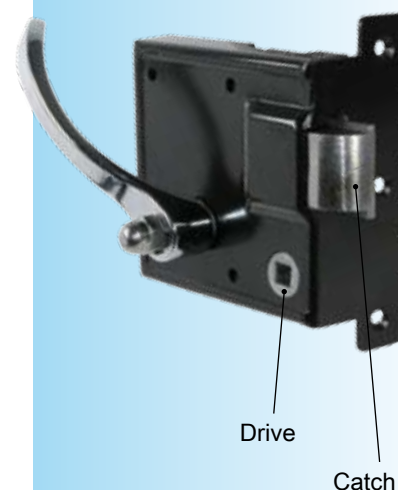
Slam-lock m.s. zinc plated, lock and nut zinc die raw, spring m.s.

1034-U1

12F-460

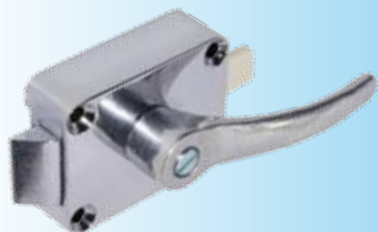
Info

ns

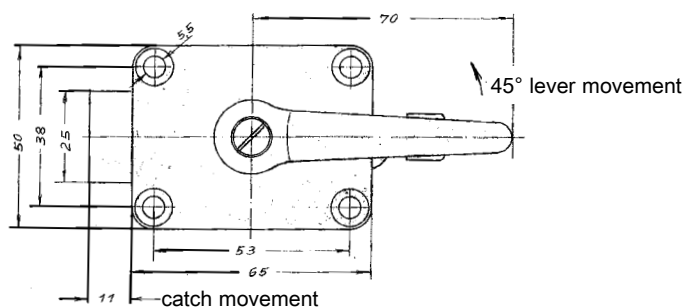
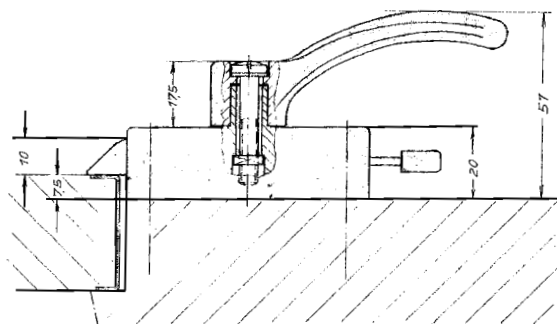


- inner handle available separately
- Locking via lock and nut
- Door edge to sq drive c/l approx. 15 mm
- 800 g/piece

1034-SU11



- with the inside handle and Locking device
- 320 g/piece

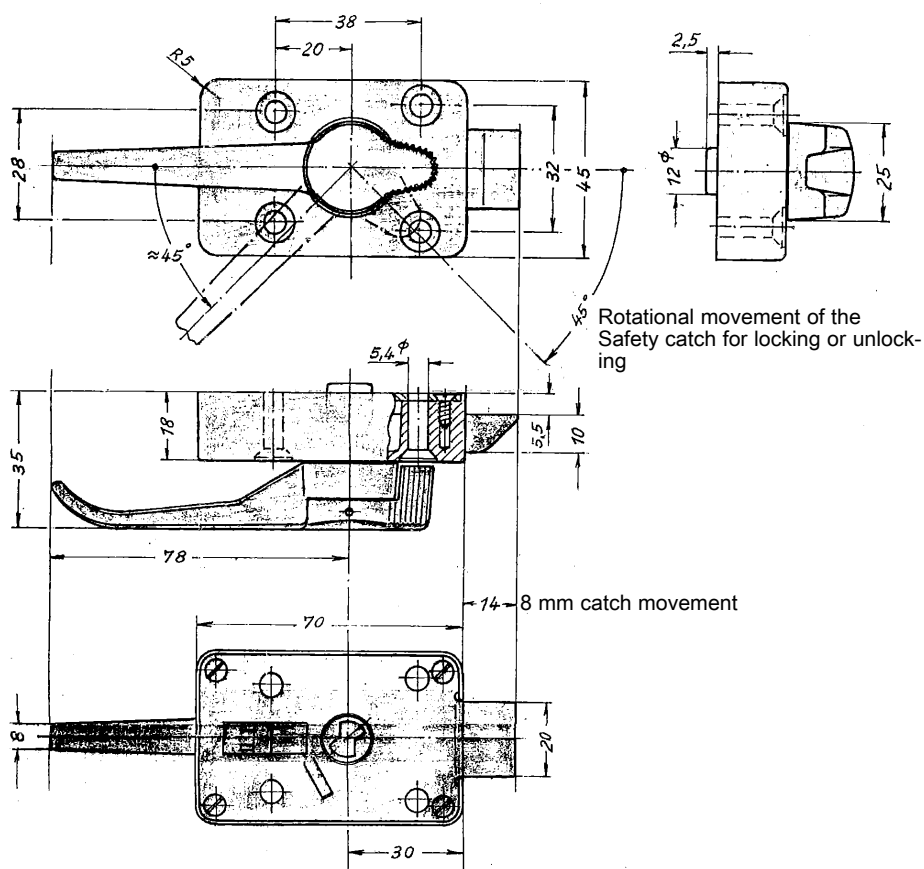


Interior shutter zinc die plated; polished aluminum inside handle, hard plastic plate

5036-U640-IK



- with the inside handle and Locking device
- 380 g/piece

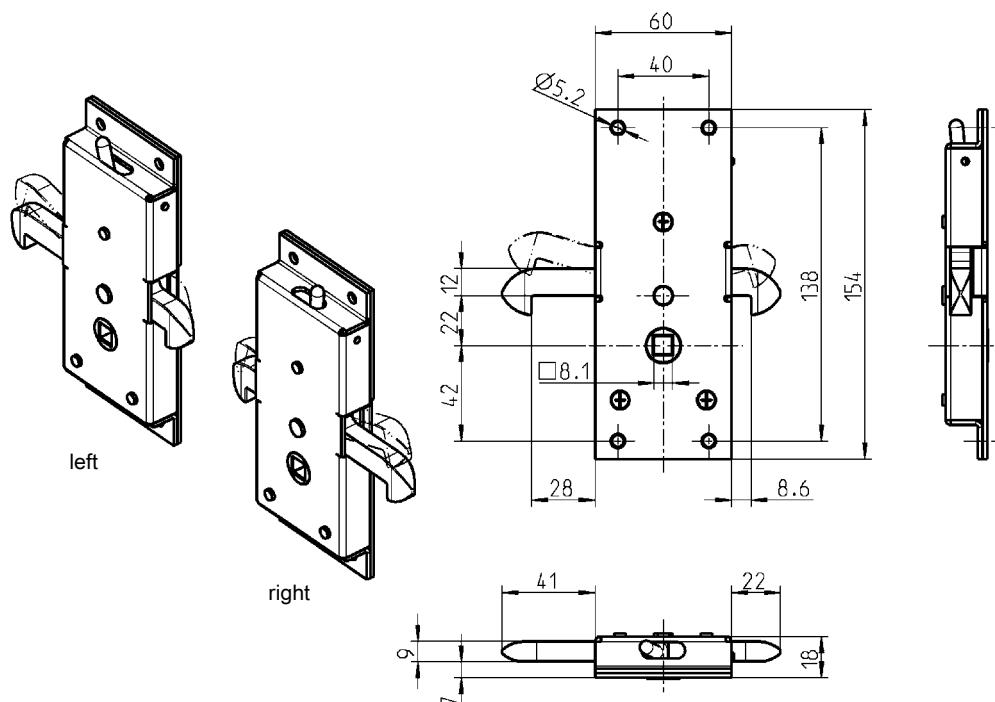


Interior shutter zinc plated, polished aluminum inside handle, hard plastic plate

5064-U647-IK

Sliding Door Lock, Bolt Lock

PROGRAM 1001



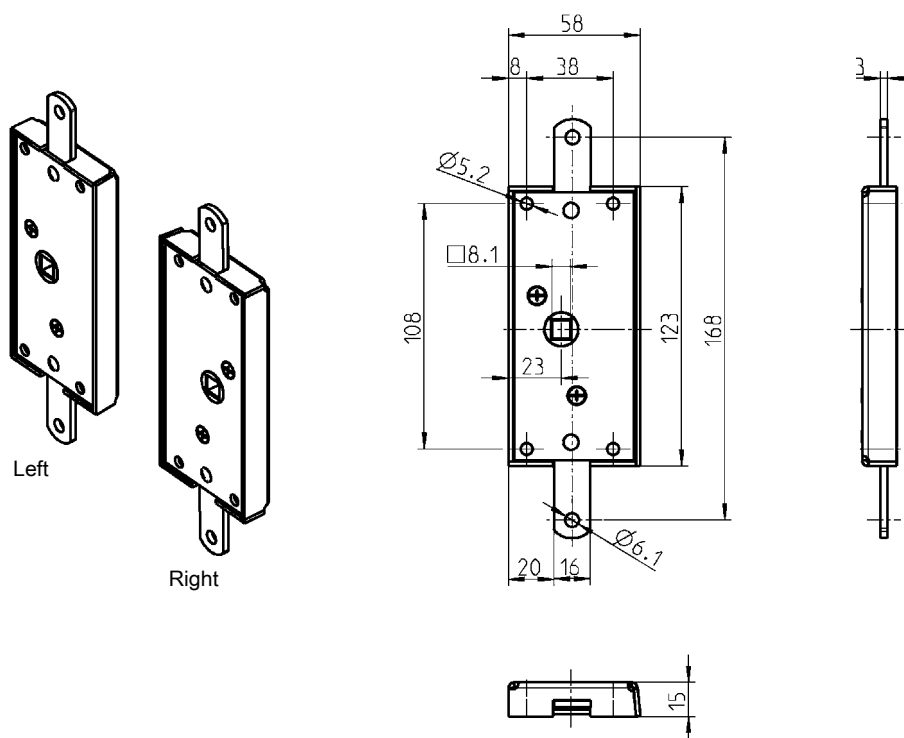
Sliding lock St electroplated black;
GTW tongue galvanized hook, nut zinc die; lever GTW, with spring

right, as drawn

1001-SU221-01

left mirror image

1001-SU221



Lock steel zinc plated; Nut zinc plated; with spring

Right mirror image

1001-SU216-01

Left as shown

1001-SU216



- Interior protection by reversing the lever
- Door edge to sq drive c/l approx. 30 mm
- 600 g/piece

Further parts see page
– Key

12F-560



- 400 g/piece

Further parts see page
– Key

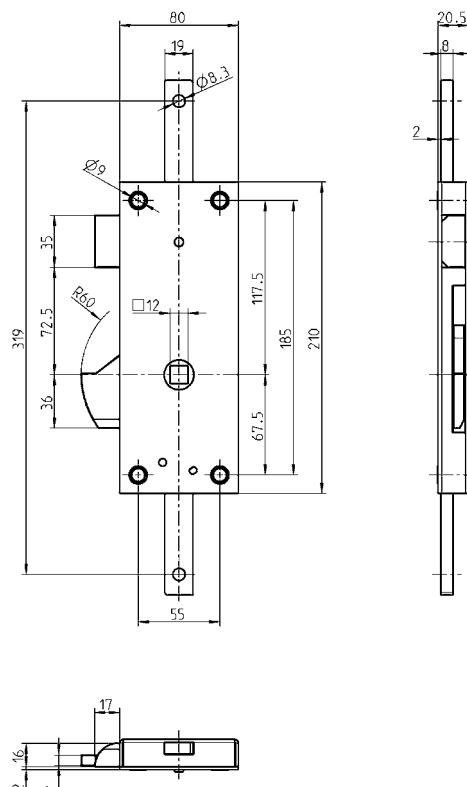
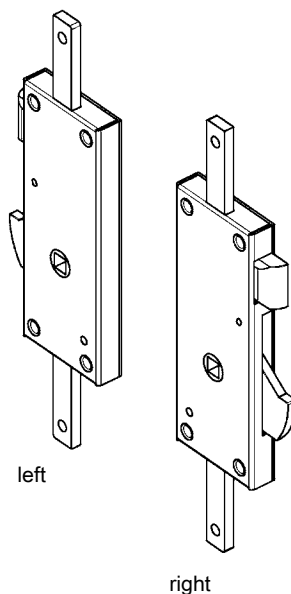
12F-560



- for insulated vehicles
- 1,750 g/piece



- for insulated vehicles
- 1,500 g/piece



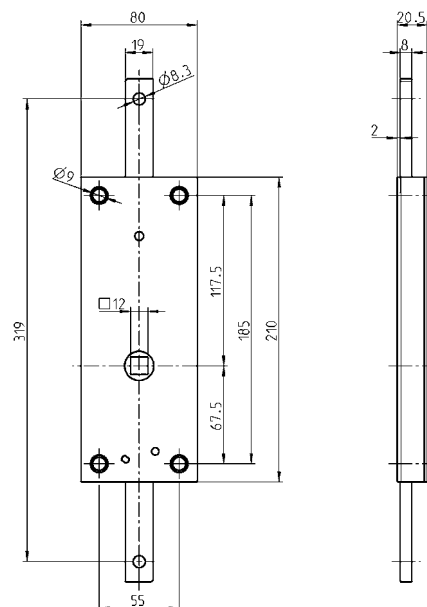
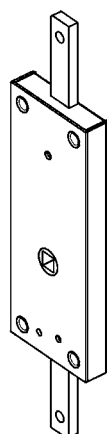
Rod Lock St electroplated black, GTW case galvanized GTW bolt, nut and rod zinc plated, with spring

right, as drawn

1001-SU223

left mirror image

1001-SU222



Rod Lock St electroplated black, GTW case galvanized, GTW bolt, nut and rod zinc plated, with spring

right, as drawn

1001-SU224

left mirror image

1001-SU225

Info
1 Quarter turns
2 Rod controls
3 Locking systems
4 Hinges
5 Gasketing
6 Handles
7 Aluminium windows
8 Stainless steel
9 Latches
10 Air-conditioning
11 ELM Security Systems
12 Miscellaneous



- with cylinder and 2 keys keyed different, PS series
- 476 g/piece

Door Handle-black UV stabilized polyamide, push button chrome; Round cylinder zinc die with 2 keys

on request



- Door handle**
- for round cylinders
 - 318 g/piece

Door Handle-black UV stabilized polyamide, push button chrome plated

on request

Info	
1 Quarter turns	
2 Rod controls	
3 Locking systems	
4 Hinges	
5 Gasketing	
6 Handles	
7 Aluminium windows	
8 Stainless steel	
9 Latches	
10 Air-conditioning	
11 ELM Security Systems	
12 Miscellaneous	

EMKA® Beschlagteile	
- with and without cylinder - Opening and closing without microswitch 556 g/piece	
- for central door - with loose plastic handwheel	
12F-530	

Swing door lock PROGRAM 5211, 5222	
	
Swinging door lock black powder coated zinc alloy; plastic handwheel	
on request	
	
Swinging external door lock, zinc plated; plastic handwheel, Micro Switch	
on request	

Swing door lock PROGRAM 5221, 5223



Swinging door lock Polyamide UV-stabilized, rotating handle Zinc plated, with seal

on request



Swinging exterior door lock, UV-stabilized polyamide black

on request

- with and without emergency switch
- for 4 channel clip-in cylinders
- 476 g/piece

- designed for clip-in cylinders
- 318 g/piece

1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

8 Stainless steel

9 Latches

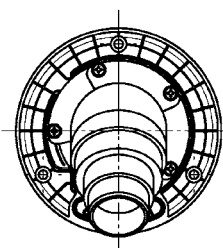
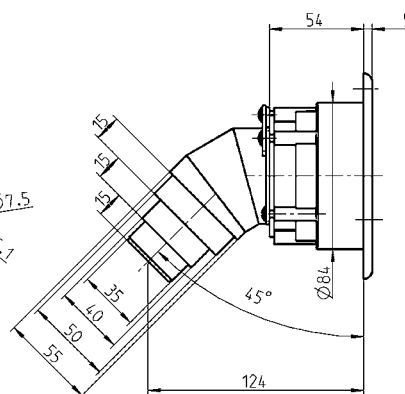
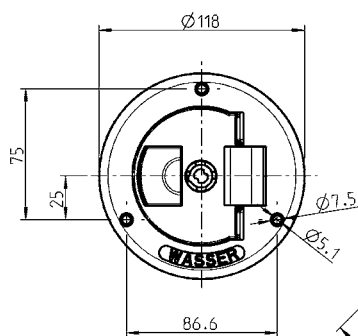
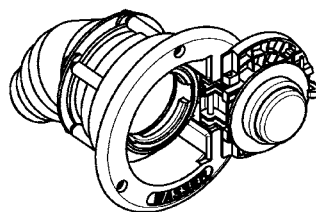
10 Air-conditioning

11 ELM Security Systems

12 Miscellaneous



-

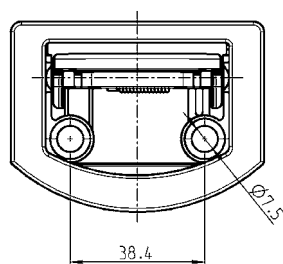
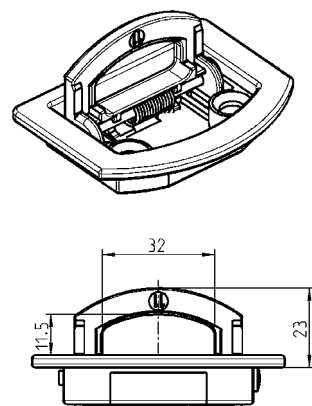
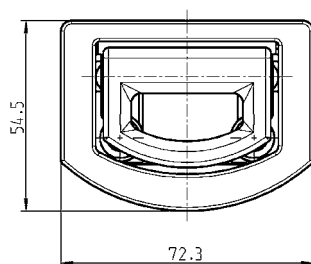
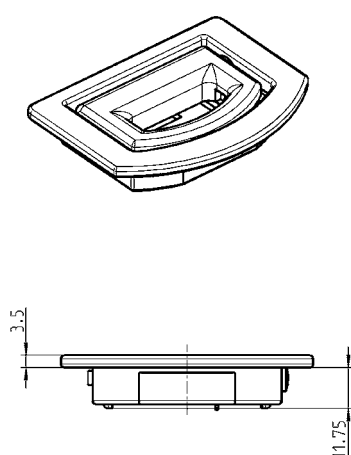
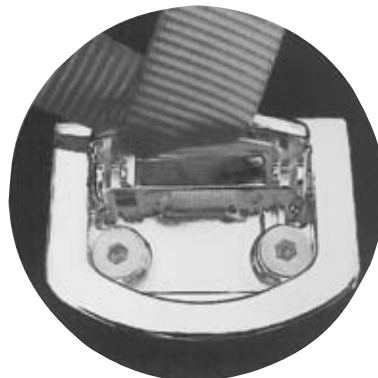


on request

Example of use



Detail: Loop and belt



item without bracing



Complete with mounting plates

- e.g. for suitcases, bicycles and pushchairs
- retrofittable for all vehicles
- robust die-cast zinc construction, chrome
- accessible
- depending on surface resilient up to 3,000 N (300 kgs)
- further colours upon request

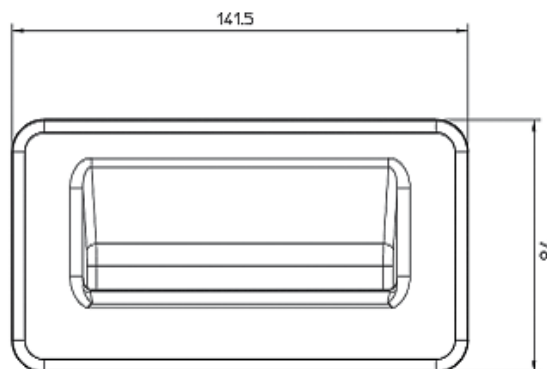
Loop chrome plated

with latching cams	5291-U500-IA
without latching cams	5291-U501-IA

Loop zinc die chrome plated, mounting plates steel zinc plated,

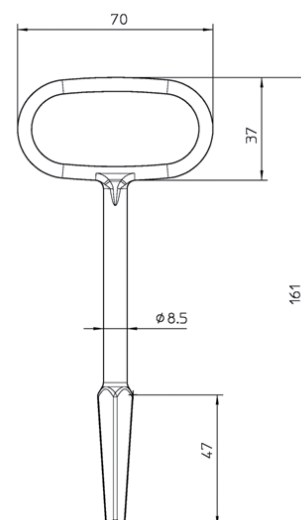
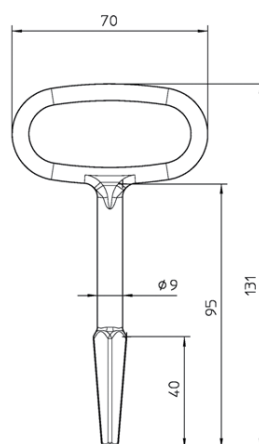
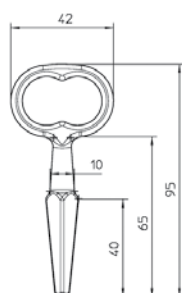
without latching cams	5291-U701-IA
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Recessed grip; Key PROGRAM 1004; 1091



Recessed grip polyamide black; zinc plated steel screws M5; with seal

1091-U145



Key zinc plated

Male square 7 - 10; Length 95	1004-56
Male square 7 - 10; Length 131	1004-57
Male square 7 - 10; Length 161	1004-58

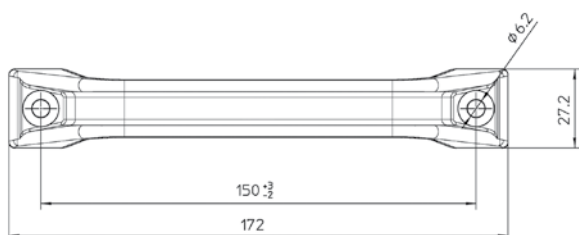
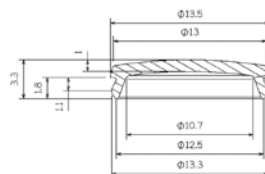
Further parts see page

– Latch lock 12F-450
– Hook latch 12F-455

12F-560

Plastic handle, actuator (servomotor)

PROGRAM 1095; 5225



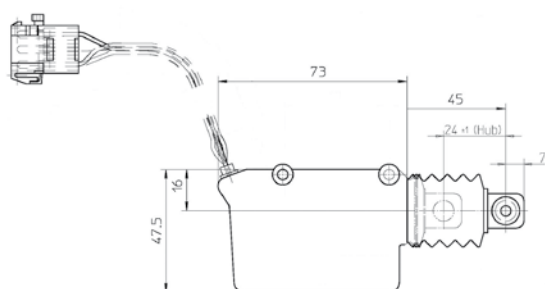
Handle polyamide black

1095-33

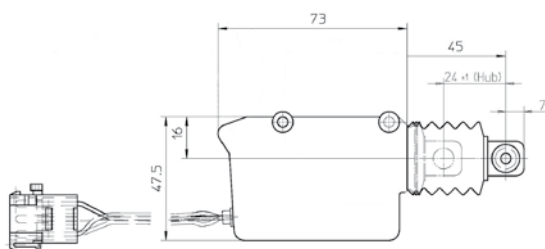
Cover Polyamide black

(2x per order)

1095-34



Execution 5225-U1 and U3, max. 1 second to energize



Several versions available:
Tension and motor pressure with spring return

Electrical actuator (servo motor) for central locking and unlocking

12V with microswitch, cable length 400 mm with 6-pin. AMP connector

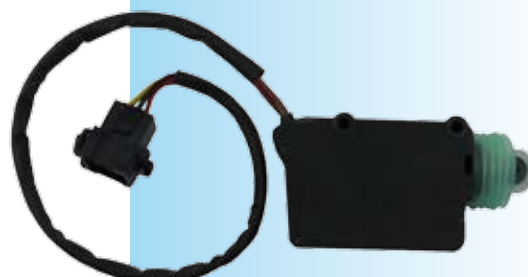
5225-U1

24V with microswitch, cable length 400 mm with 6-pin. AMP connector

5225-U3

Further types and cable lengths

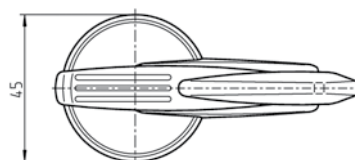
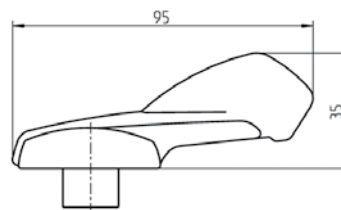
on request



- Motor for central locking
- Tension and pressure motor
- With or without micro switch
- Multiple connectors
- Cable lengths and versions on request

Interior handle, Interior release PROGRAM 5225

Beschlagteile



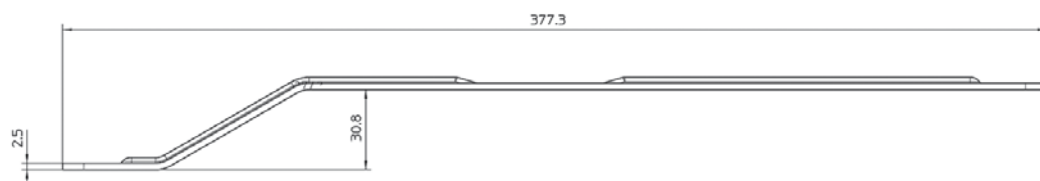
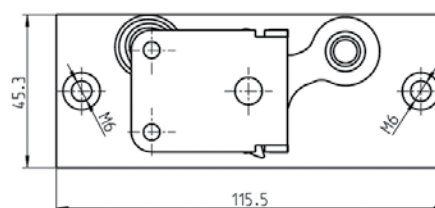
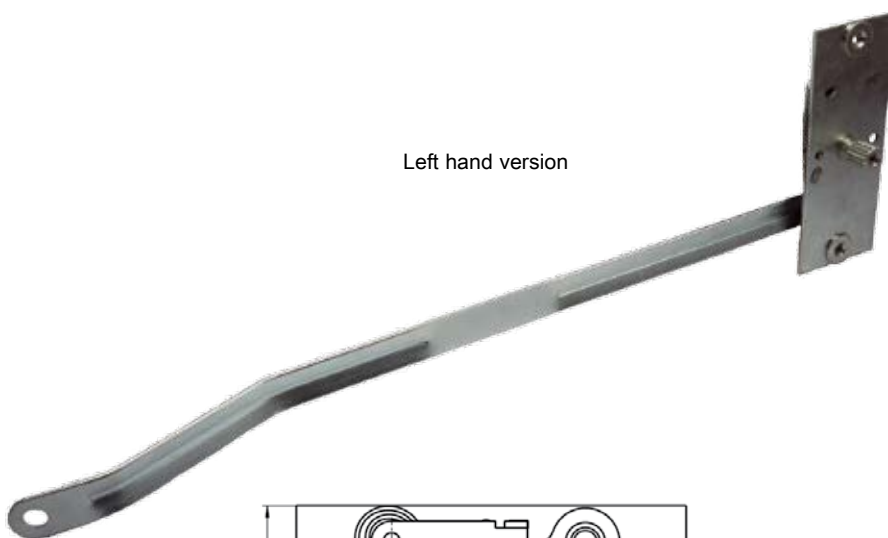
Further parts see page
– Interior release see below

Interior Handle zinc chrome plated, black PVC grip

5225-U5-IK



Left hand version



Further parts see page
– Inside handle see above

Interior release zinc plated steel connecting rod, with spring

Right mirror image

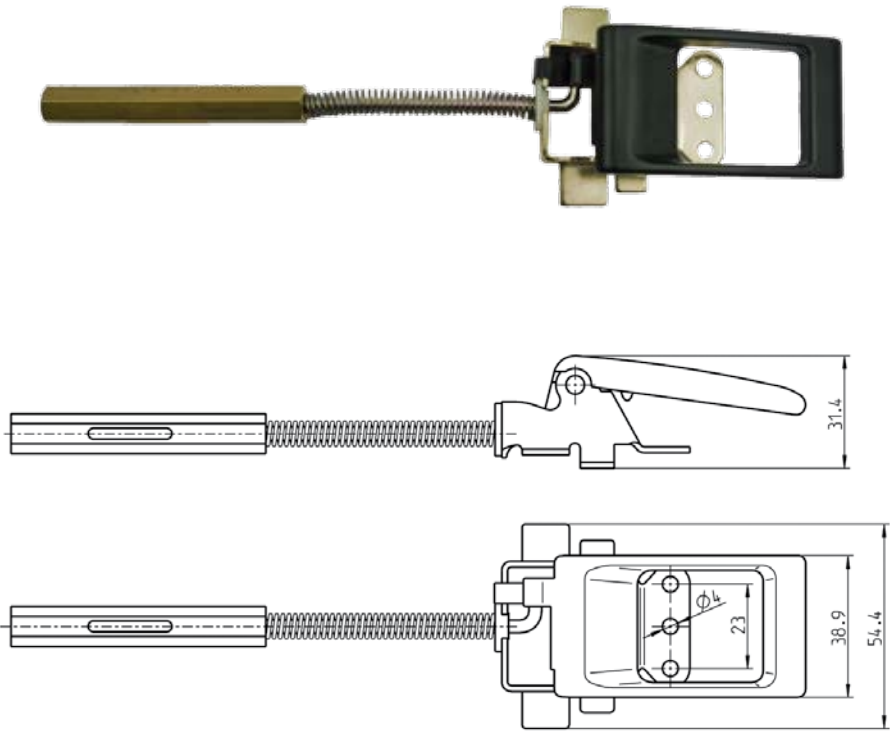
5225-U6

Left as shown

5225-U7

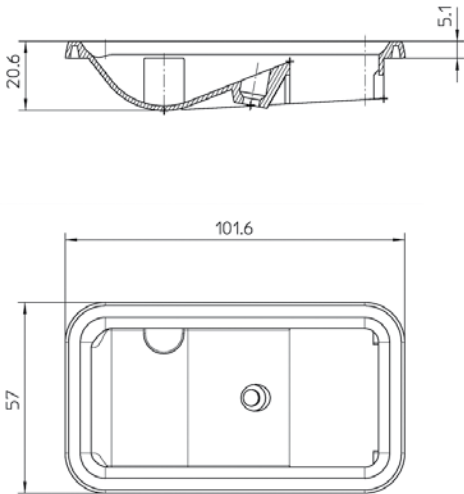
12F-580

Interior lock, Housing PROGRAM 5225



Inner release mechanism black ABS and galvanized steel retaining plate with spring

5225-U8



Housing black ABS for inner lock

5225-01-AA



Further parts see page – Housing see below

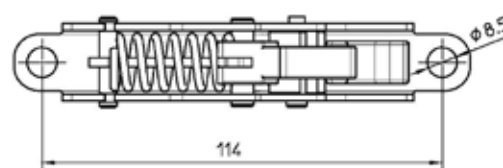
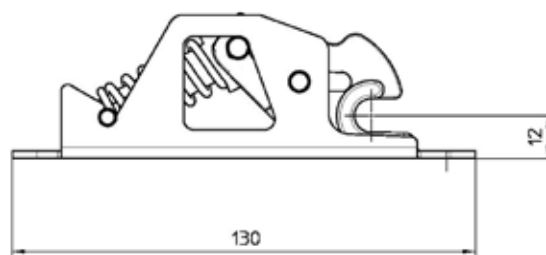


Further parts see page – Interior release see above

Spring bolt lock stainless steel PROGRAM 5225

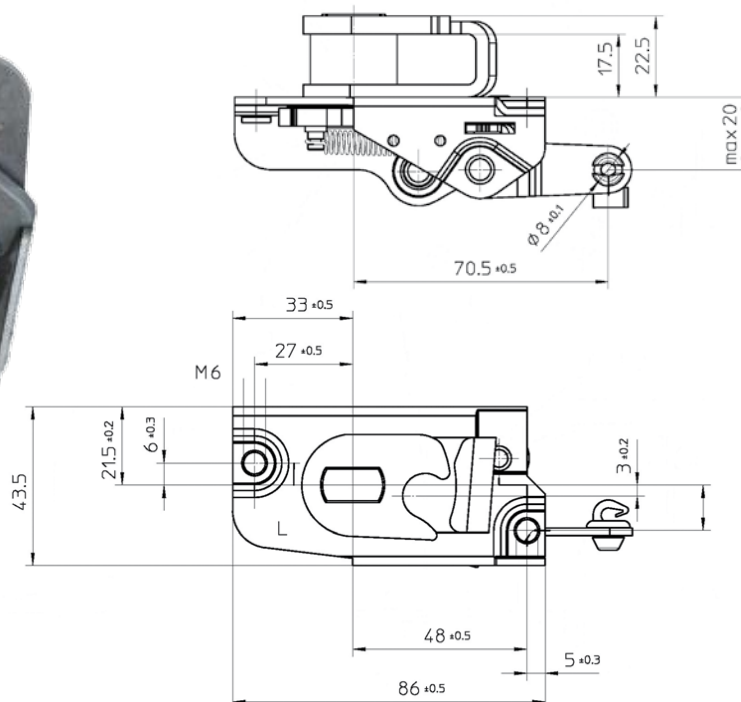


Operating force 90N ±12N
Locking force 70N ±10N



Spring bolt lock stainless steel

5225-U31



Rotary latch lock steel zinc plated, with spring

right mirror image

5225-U9

Left as shown

5225-U10

Rotary latch lock zinc and nickel plated for 480 salt spray resistance, with spring

Right mirror image

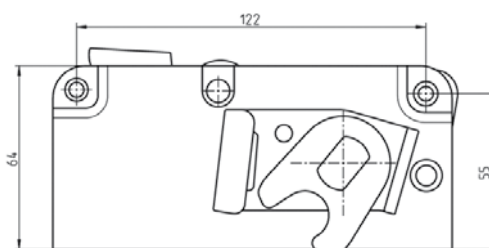
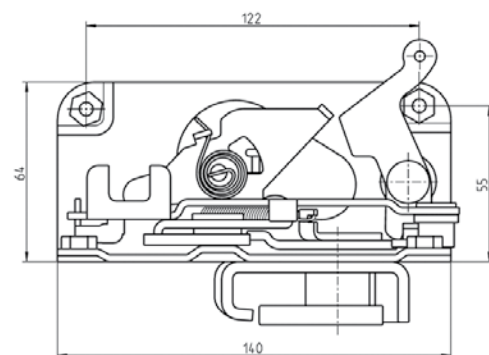
5225-U9-01

Left as shown

5225-U10-01

Further parts see page
– Locking bolts Type 1 12F-670
– Handle 12F-710
12F-720

Rotary latch lock PROGRAM 5225



Swivel latch lock zinc plated steel with spring

Right mirror image

5225-U11

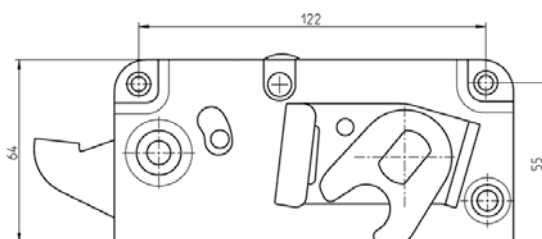
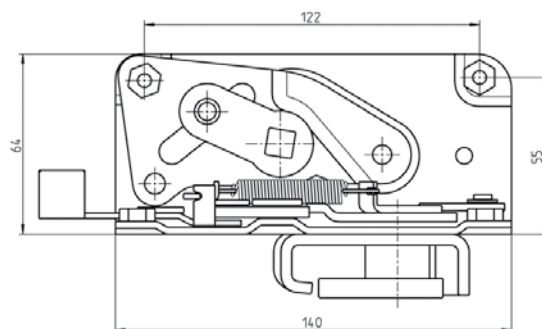
Left as shown

5225-U12



Further parts see page

– Locking bolt type 3 12F-680



Rotary latch lock zinc plated, with spring

Right mirror image

5225-U13

Left as shown

5225-U14



Further parts see page

– Locking bolt type 3 12F-680

12F-640

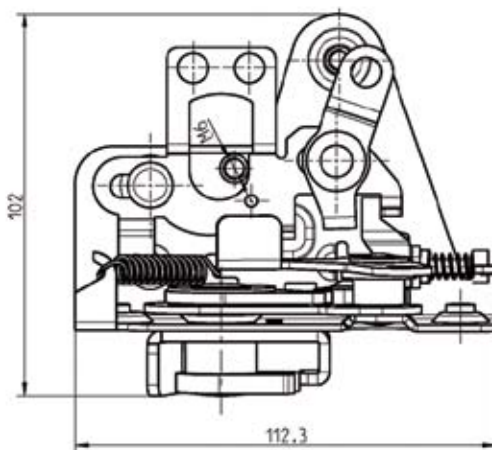


Further parts see page
– Locking bolts Type 2 12F-680



Further parts see page
– Locking bolts Type 2 12F-680

12F-650



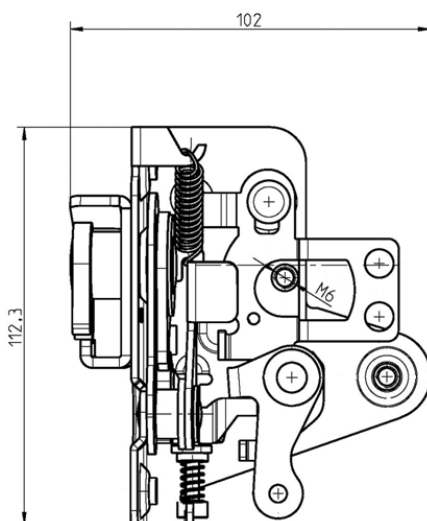
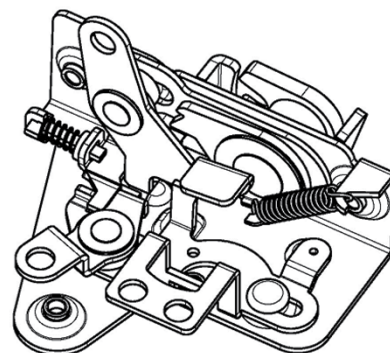
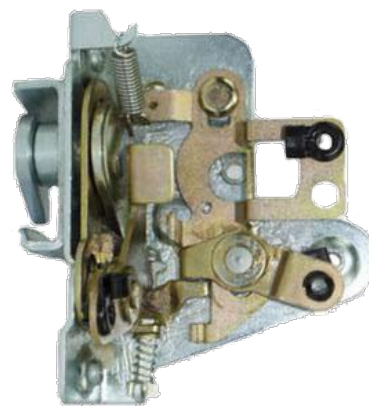
Rotary latch lock zinc plated steel with spring

Right mirror image

5225-U15

Left as shown

5225-U16



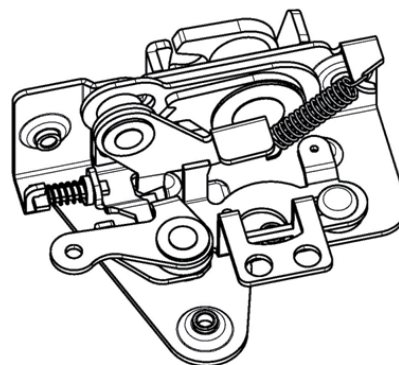
Striker plate zinc plated

Right mirror image

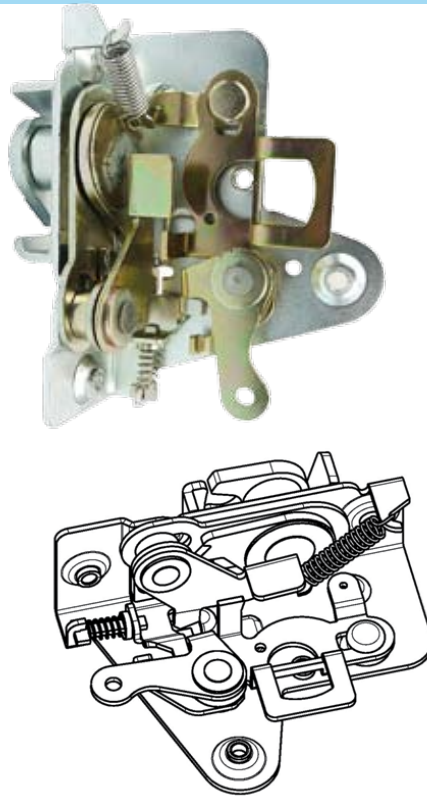
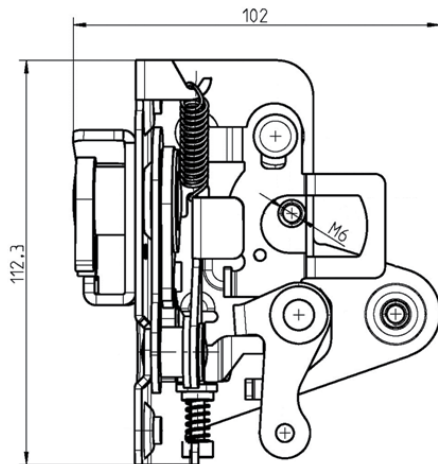
5225-U17

Left as shown

5225-U18



Rotary latch lock, Rotary latch lock with safety PROGRAM 5225



Rotary latch lock in Steel zinc plated with spring

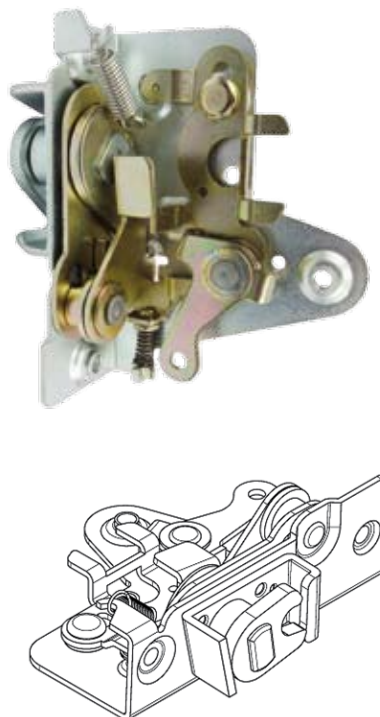
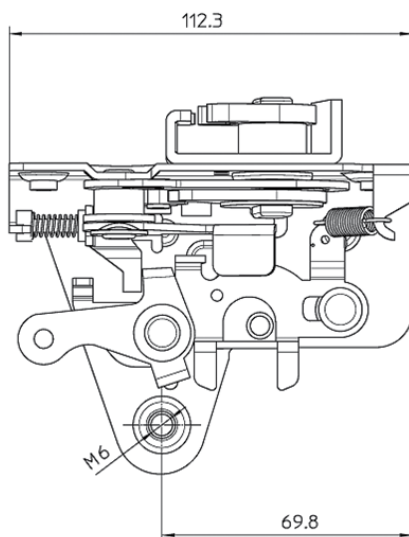
Right mirror image

5225-U19

Left as shown

5225-U20

Further parts see page
– Locking bolts Type 2 12F-680



Rotary latch lock, chrome plated with safety catch and spring

Right mirror image

5225-U21

Left as shown

5225-U22

Locked and unlocked from the inside



Further parts see page
– Locking bolts Type 2 12F-680

12F-660

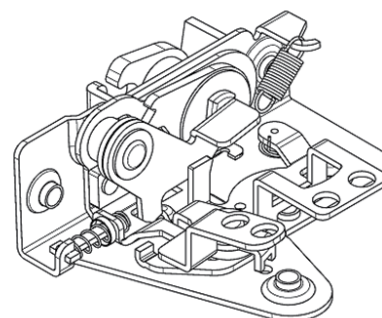
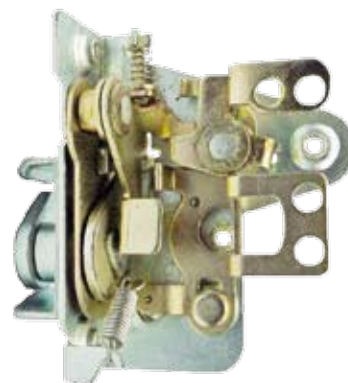
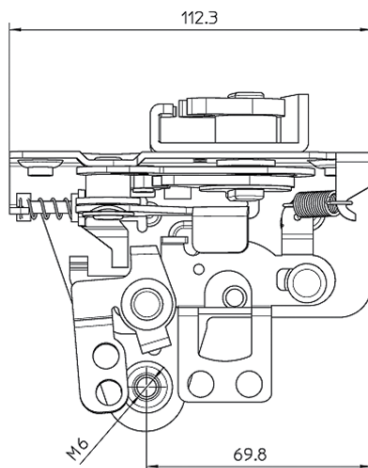


Locked and unlocked from the inside

Further parts see page
 – Striker bolt type 2 12F-680

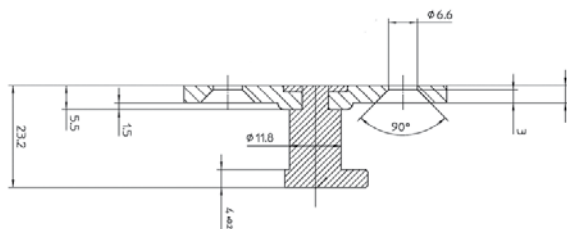
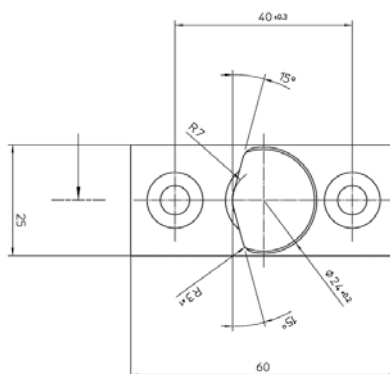


Further parts see page
 – Rotary latch lock 12F-630



Rotary latch lock chrome plated with safety catch and spring

Right mirror image	5225-U23
Left as shown	5225-U24



Locking bolts Type 1 with zinc coated steel plate

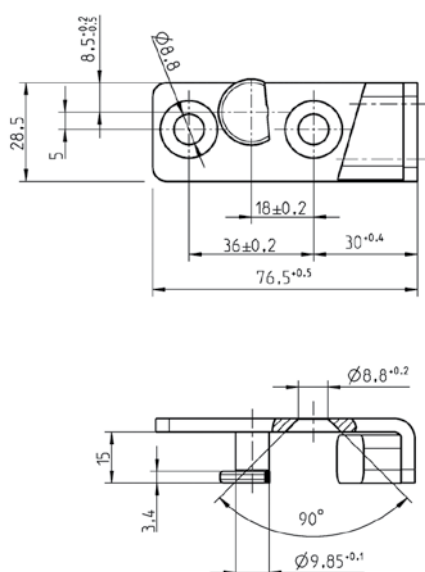
Right and left	5225-U25
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Locking bolts Type 1 with zinc coated steel plate and 480h salt spray resistance

Right and left	5225-U25-01
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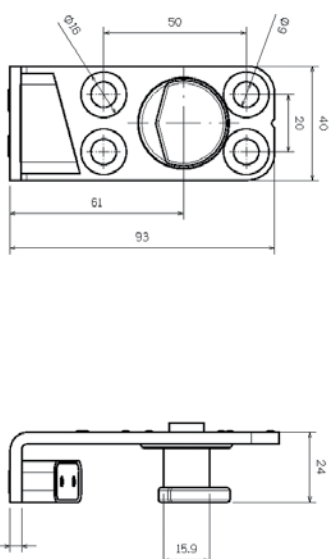
Striker bolt with plate

PROGRAM 5225



Locking bolts Type 2 with plate zinc coated steel

Right mirror image	5225-U27
Left as shown	5225-U28



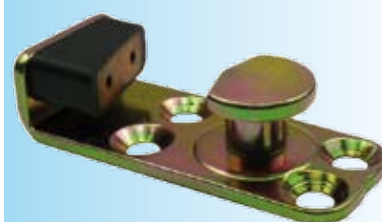
Striker plate type 3 zinc plated

Right mirror image	5225-U29
Left as shown	5225-U30



Further parts see page
– Rotary latch lock

12F-650
12F-660
12F-670



Further parts see page
– Rotary latch lock

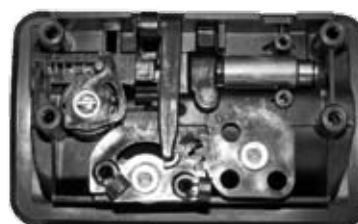
12F-640

12F-680

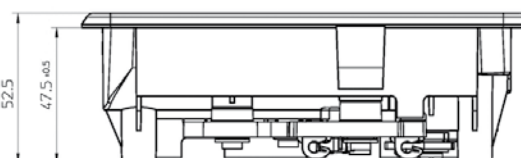
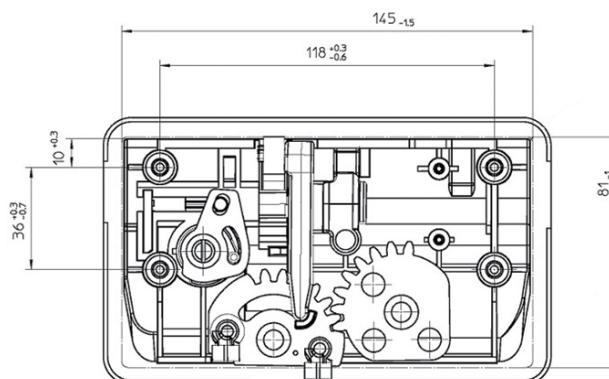
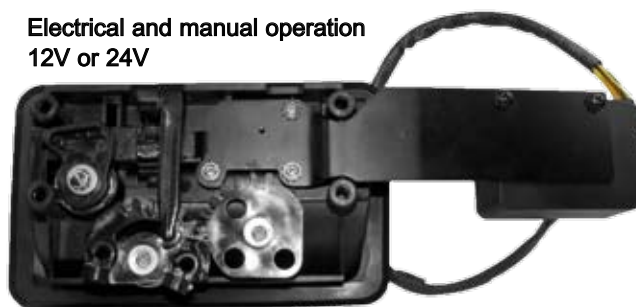
Manual operation



Pneumatic and manual operation



Electrical and manual operation
12V or 24V



Luggage compartment lock ABS black with gasket and spring

Manual operation	5225-U100
Pneumatic and manual operation	5225-U101
Electrical and manual operation 12V	5225-U102
Electrical and manual operation 24V	5225-U103

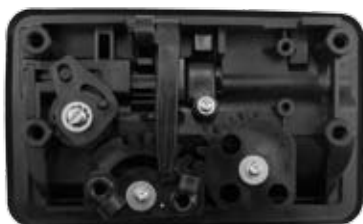
Further parts see page

– Clip-in cylinder	12F-225
– Rotary latch lock	12F-630
– Striker bolt type 1	12F-670

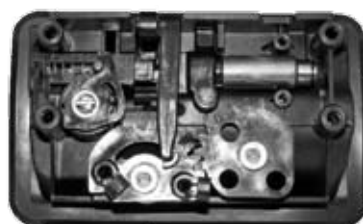
12F-710

Luggage compartment lock with closed handle PROGRAM 5225

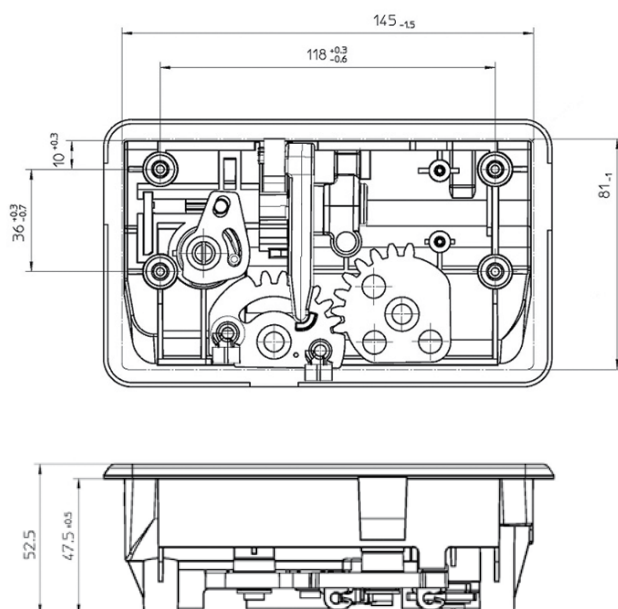
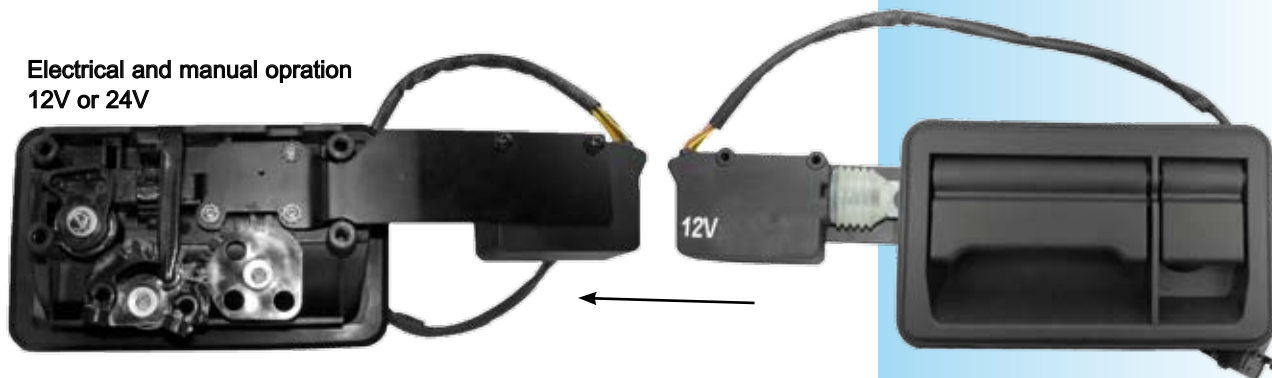
Manual operation



Electrical & manual operation



Electrical and manual operation
12V or 24V

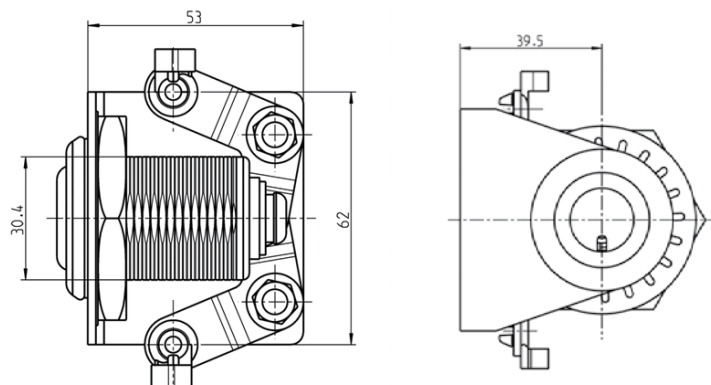


Luggage compartment lock ABS black with gasket and spring

Manual operation	5225-U104
Pneumatic and manual operation	5225-U105
Electrical and manual operation 12V	5225-U106
Electrical and manual operation 24V	5225-U107

Further parts see page

– Clip-in cylinder	12F-225
– Rotary latch lock	12F-630
– Locking bolts Type 1	12F-670

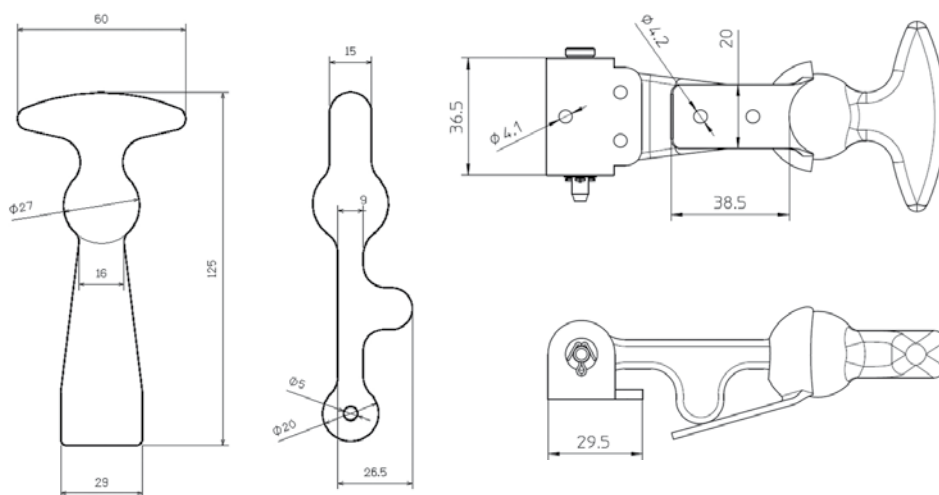


Further parts see page
– Clip-in cylinder

12F-225

Push button locks for use with clip in cylinder, zinc plated with spring

5225-U200



Bonnet lock black rubber self greasing, steel parts chrome plated

without holder

5225-02-AA

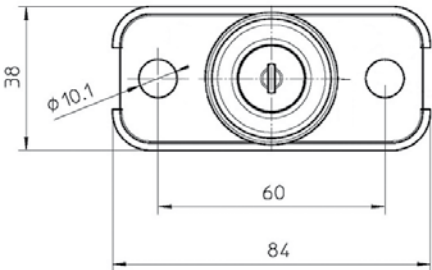
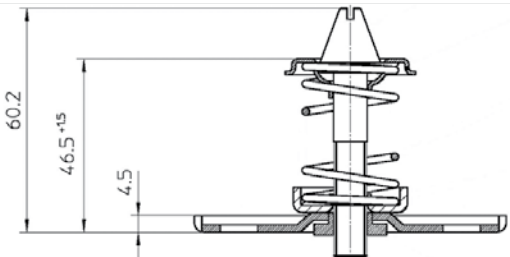
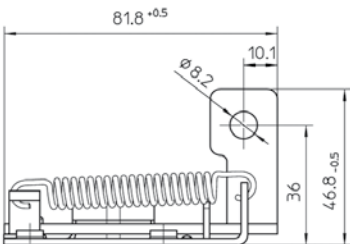
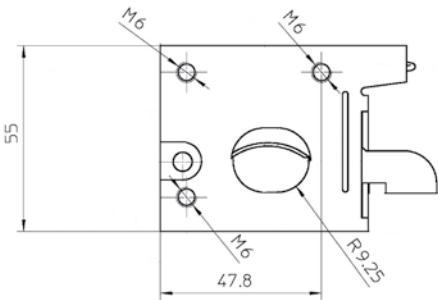
with holder

5225-U201

12F-770

Bonnet lock

PROGRAM 5225



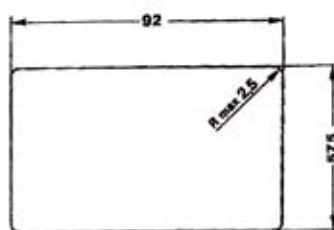
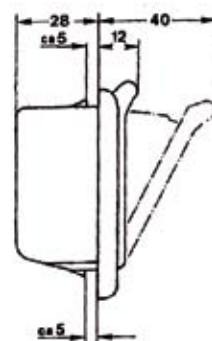
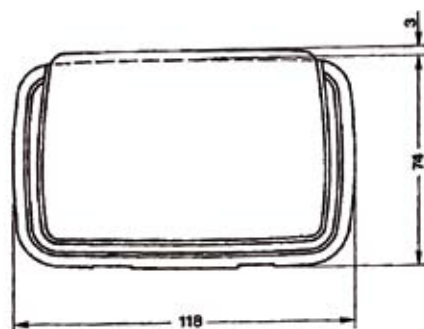
Bonnet lock manual operation zinc plated, with spring

5225-U202

Striker bolt zinc plated with spring

5225-U203

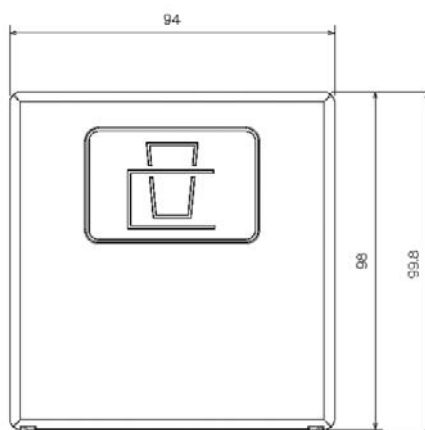
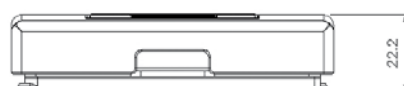
Info
1 Quarter turns
2 Rod controls
3 Locking systems
4 Hinges
5 Gasketing
6 Handles
7 Aluminium windows
8 Stainless steel
9 Latches
10 Air-conditioning
11 ELM Security Systems
12 Miscellaneous



Cut out

Clip-in ashtray housing thermoplastic black, ash container Thermoset black, embossed cover with steel detent spring

5225-U300

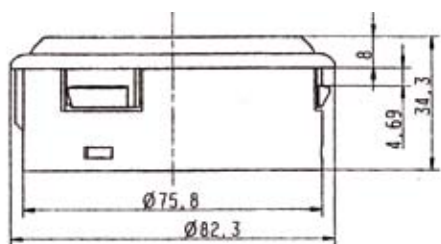
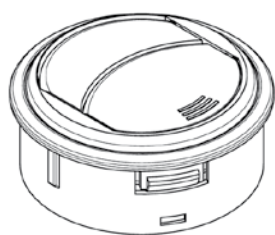


Cup holder polyamide 66 black

Approx. 70 mm diameter

5225-U301

Clip in vents PROGRAM 5225



Infinitely adjustable and rotating

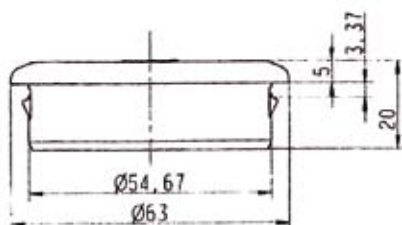
Clip in Vent

Black housing

5225-U302-AA

Housing RAL 9006

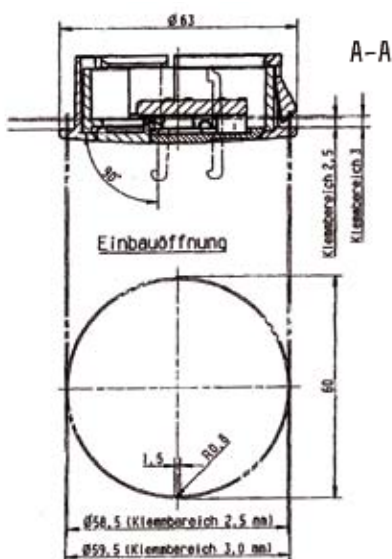
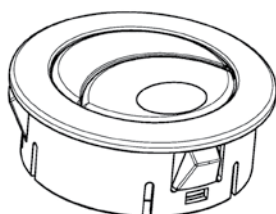
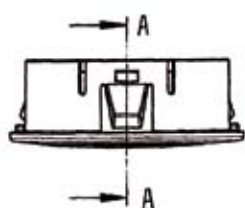
5225-U302-BK



Infinitely adjustable, none rotating

Clip in black ABS vent

5225-U303-AA



Infinitely adjustable and rotating

Black ABS clip in vent

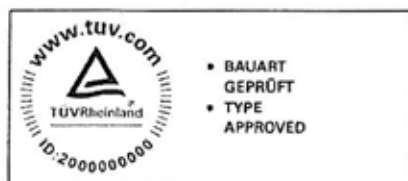
5255-U304-AA



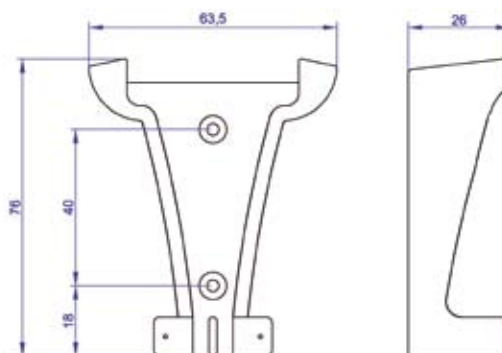
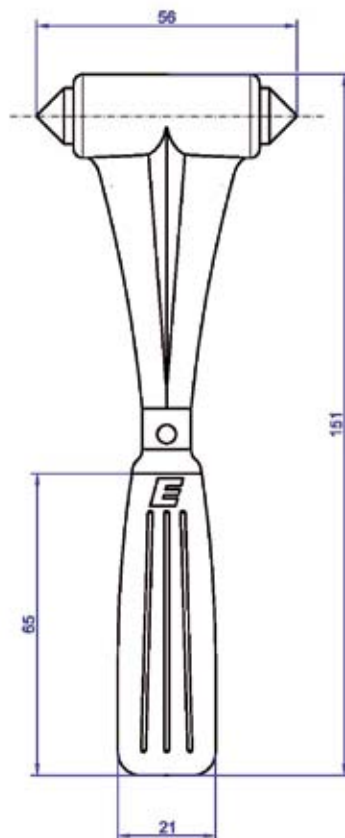
Material to fire test
95/28/EC Annex 4



Prüfzeichen Test Mark



Zertifikat Nr. Certificate No.
R 50215914



Emergency hammer polypropylene red, steel zinc plated with hardened insert on tip

5225-U305

Emergency hammer holder grey polypropylene

5225-03

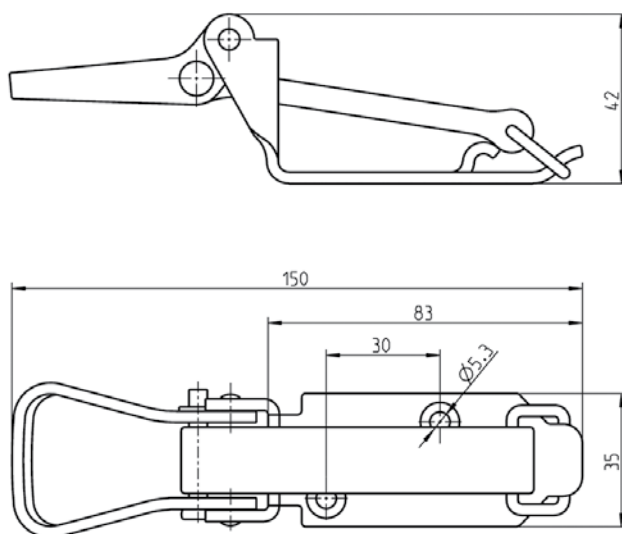
Stowage clamp for claw axe Stowage clamp for spade

PROGRAM 5225

EMKA

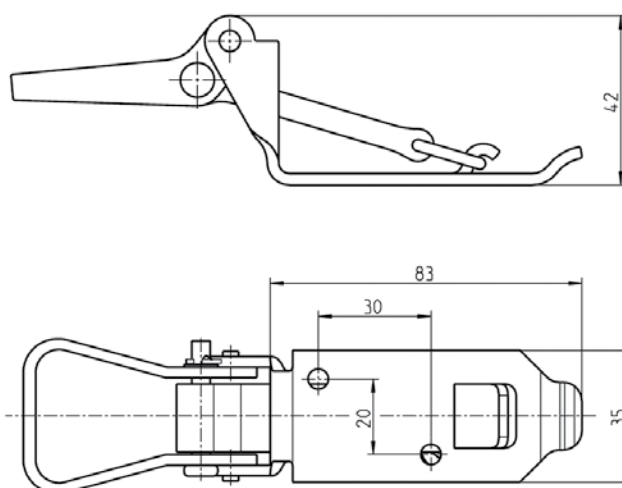
Info

Beschlagteile



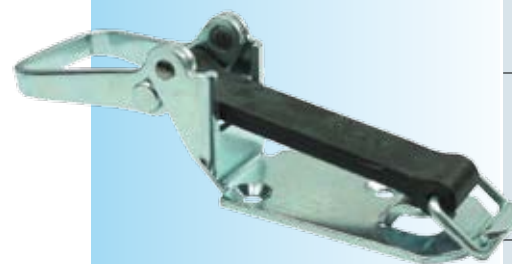
Stowage clamp for claw axe with coating from selection with black rubber strap

Green	5225-U306
zinc plated	5225-U306-JB
CDP coated black	5225-U306-IL



Stowage clamp for spade with coating from selection with black rubber strap

Green	5225-U307
zinc plated	5225-U307-JB
CDP coated black	5225-U307-IL



1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

8 Stainless steel

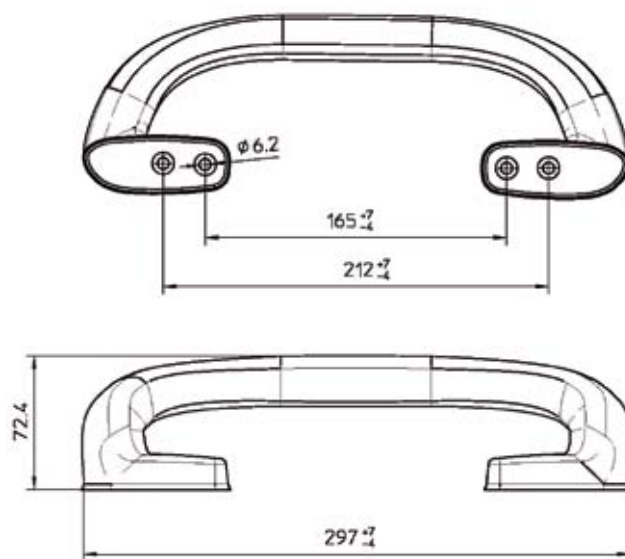
9 Latches

10 Air-conditioning

11 ELM Security Systems

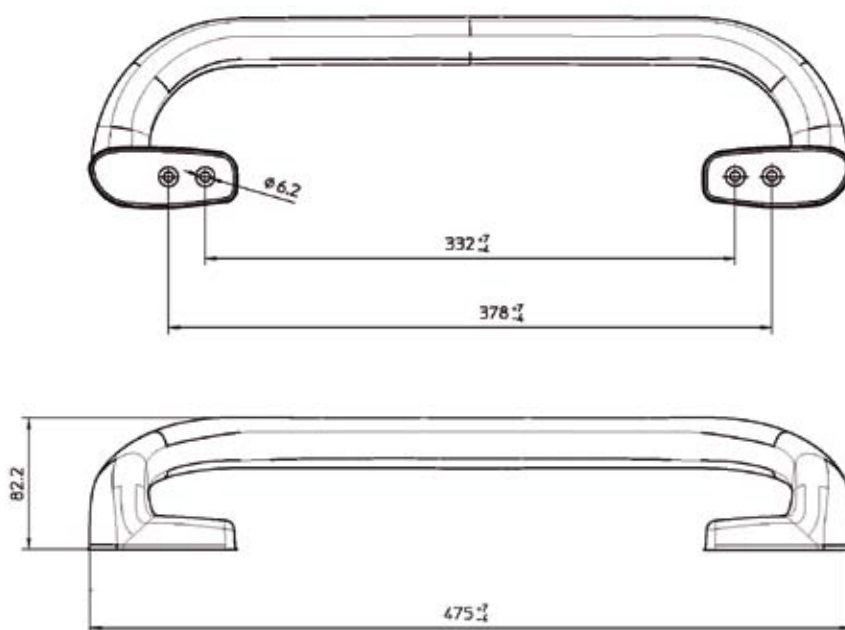
12 Miscellaneous

12F-860



Handle black polyurethane pitted, screw covers included

5225-U308

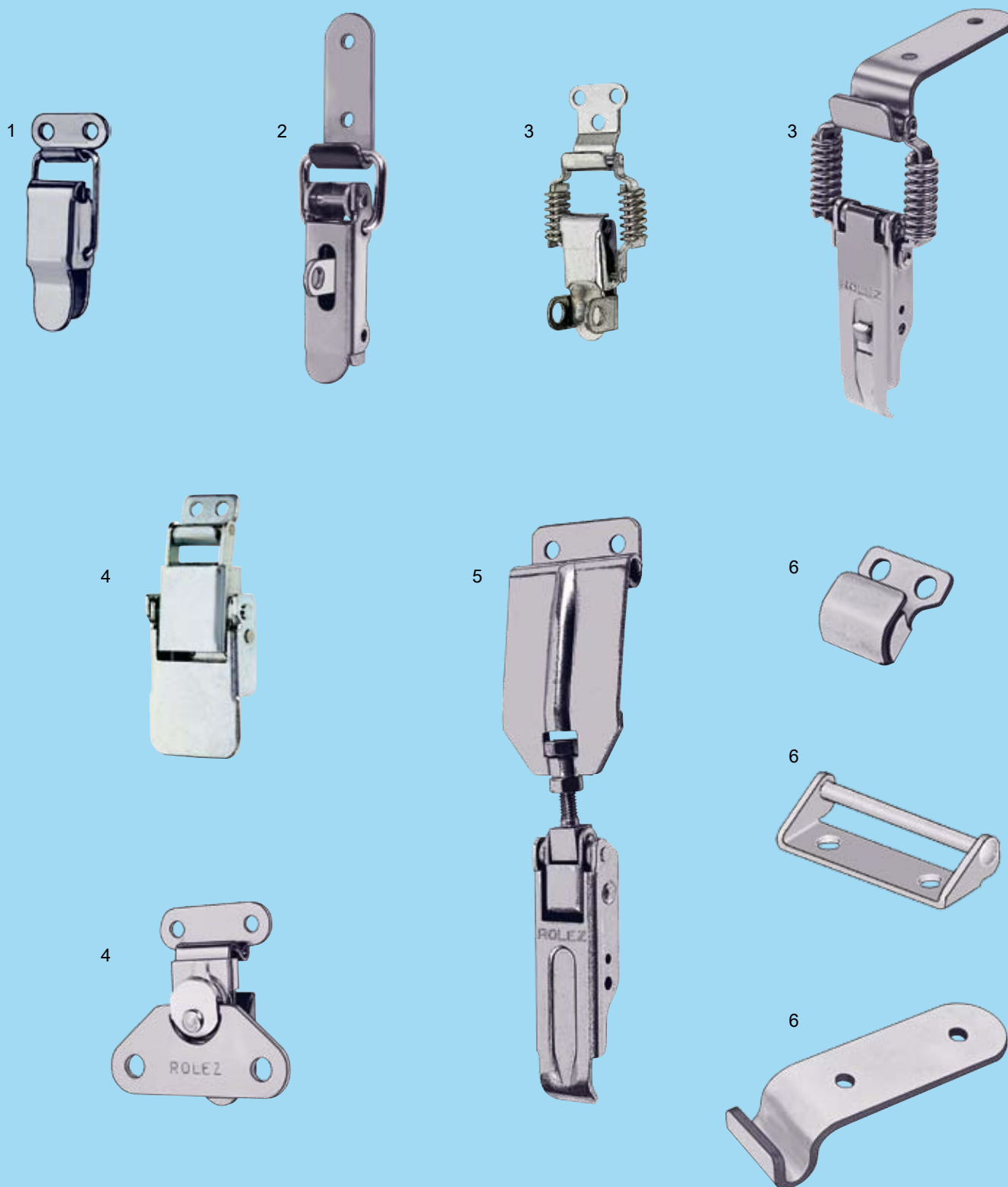


Handle black polyurethane pitted, screw covers included

5225-U309

12F-870

Toggle latch and hook Program 6000



- | | | |
|---|----------------------------|----------------------|
| 1 | Wire toggle latch | 12F-1120 |
| 2 | Rigid wire toggle latch | 12F-1160 |
| 3 | Spring loaded toggle latch | 12F-1220 to 12F-1240 |
| 4 | Special toggle latch | 12F-1260, 12F-1280 |
| 5 | Adjustable toggle latch | 12F-1320 |
| 6 | Catch plate | 12F-1520 to 12F-1660 |

New

Surface with steel parts:
zinc plated, thick-film passivated (DS)
and Top Coat sealed.

12F-1100

Wire toggle latches PROGRAM 6000

Beschlagteile

INOX
AISI
3..



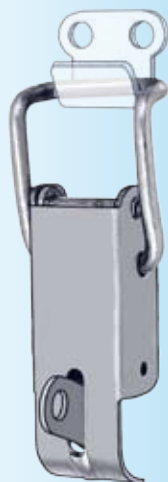
Further parts see page
possible catch plates

6010-01-xxx 12F-1520
6010-11-xxx 12F-1540
6010-08-xxx 12F-1620



Further parts see page
possible catch plates

6010-02-xxx 12F-1520
6010-03-xxx 12F-1520
6010-09-xxx 12F-1620

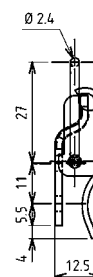
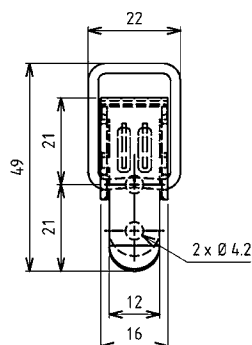


Further parts see page
possible catch plates

6010-02-xxx 12F-1520
6010-09-xxx 12F-1620

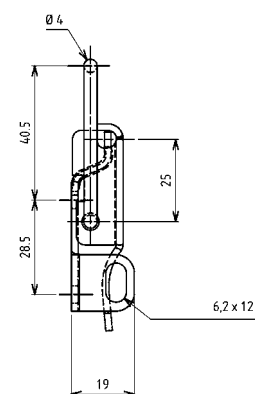
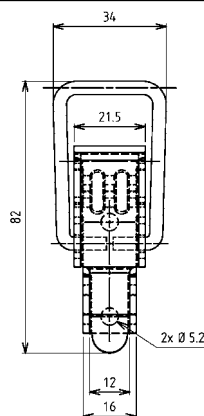
12F-1120

Rost frei
STAINLESS STEEL



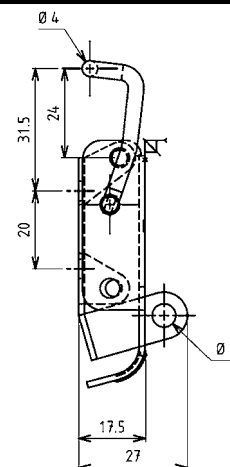
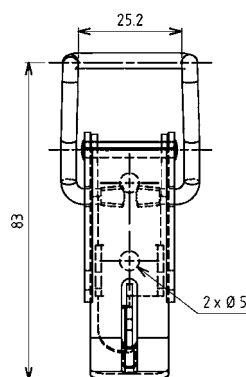
Toggle latch	Without padlock-facility	With padlock-facility
Raw steel drilled	6000-U42-KA	6000-U43-KA
Raw steel undrilled	6000-U42-01KA	6000-U43-01KA
Zinc plated steel DS plus Top Coat drilled	6000-U42-JQ	6000-U43-JQ
AISI 304 drilled	6000-U42-PC	6000-U43-PC
AISI 304, undrilled	6000-U42-01PC	6000-U43-01PC

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STAINLESS STEEL



Toggle latch	Without padlock-facility	With padlock-facility
Raw steel drilled	6000-U44-KA	6000-U45-KA
Raw steel undrilled	6000-U44-01KA	6000-U45-01KA
Zinc plated steel DS plus Top Coat drilled	6000-U44-JQ	6000-U45-JQ
AISI 304 drilled	6000-U44-PC	6000-U45-PC
AISI 304, undrilled	6000-U44-01PC	6000-U45-01PC

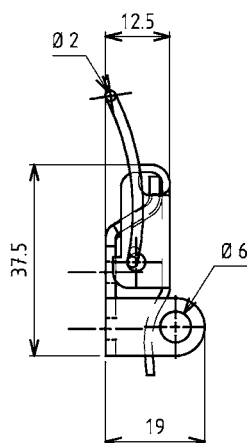
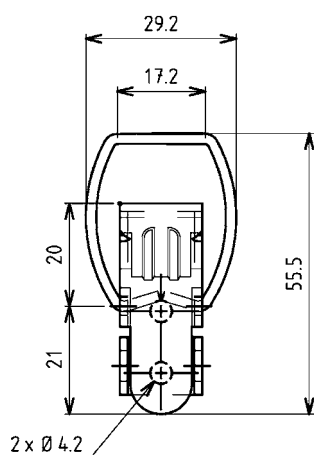
Rost frei
STAINLESS STEEL



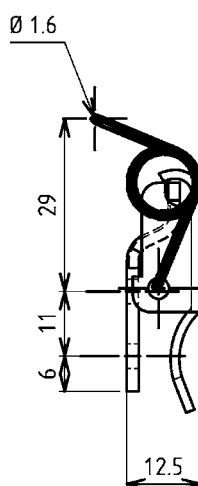
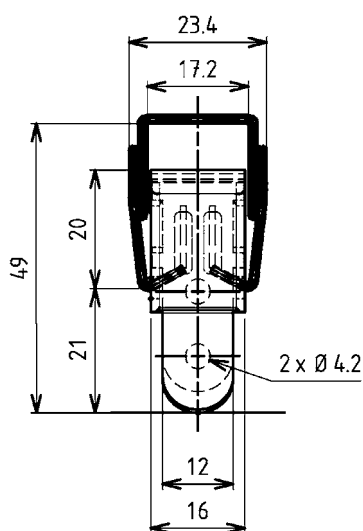
Toggle latch	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6000-U135-JQ	6000-U635-JQ
AISI 304 drilled	6000-U135-PC	6000-U635-PC

Flexible wire toggle latches

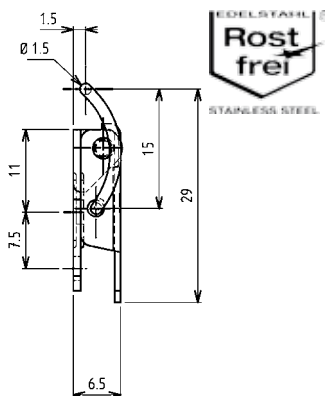
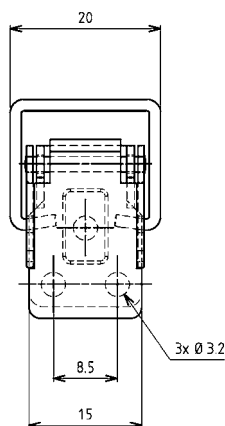
PROGRAM 6000



Toggle latch	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6001-U32-JQ	6001-U33-JQ



Toggle latch	Without padlock-facility
Zinc plated steel DS plus Top Coat drilled	6001-U36-JQ



Toggle latch	Without padlock-facility
Raw steel drilled	6001-U139-KA
Zinc plated steel DS plus Top Coat drilled	6001-U139-JQ
AISI 304 drilled	6001-U139-PC

INOX
AISI
3..



Further parts see page
possible catch plates

6010-01-xxx	12F-1520
6010-11-xxx	12F-1540
6010-08-xxx	12F-1620



Further parts see page
possible catch plates

6010-01-xxx	12F-1520
6010-11-xxx	12F-1540
6010-08-xxx	12F-1620



Further parts see page
possible catch plates

6010-139-xxx	12F-1560
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Rigid wire toggle latches PROGRAM 6000

Beschlagteile

INOX
AISI
3..



Further parts see page
possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-339-xxx	12F-1640
6010-958-xxx	12F-1660



Further parts see page
possible catch plates

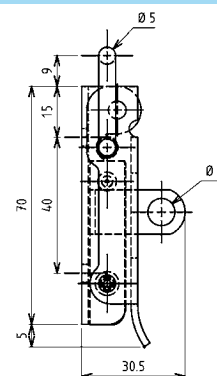
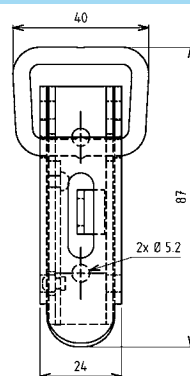
6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-339-xxx	12F-1640
6010-958-xxx	12F-1660



Further parts see page
possible catch plates

6010-16-xxx	12F-1660
6010-17-xxx	12F-1660

EDELSTAHL
Rost frei
STAINLESS STEEL

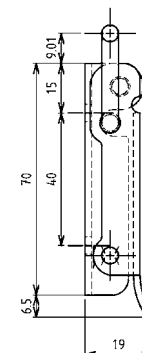
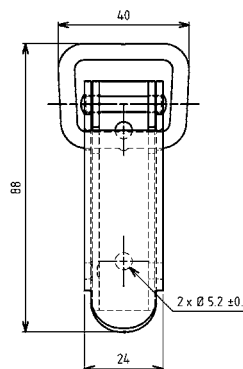


Toggle latch with high opening resistance

	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6002-U75-JQ	6002-U74-JQ

Toggle latch with low opening resistance

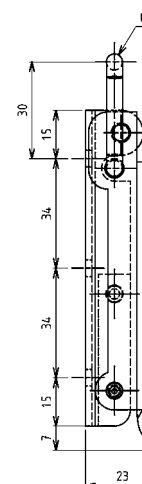
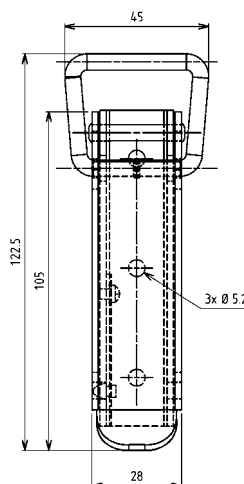
	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6002-U77-JQ	6002-U73-JQ
AISI 304 drilled	6002-U77-PC	6002-U73-PC



Toggle latch with low opening resistance, economic version

	Without padlock-facility	With padlock-facility
Zinc plated steel, drilled	6002-U76-JB	-

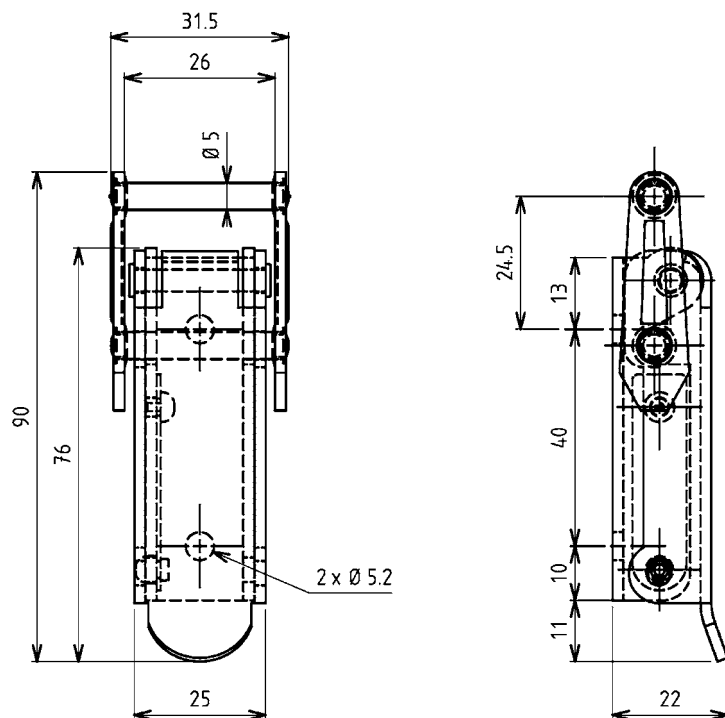
EDELSTAHL
Rost frei
STAINLESS STEEL



Toggle latch with high opening resistance

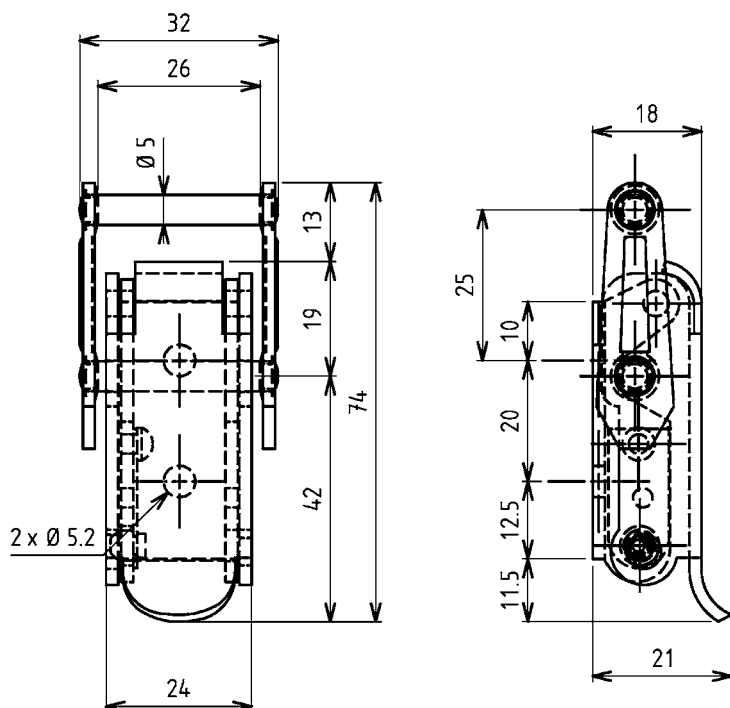
	Without padlock-facility	With padlock-facility
Raw steel drilled	6002-U15-KA	6002-U14-KA
Zinc plated steel DS plus Top Coat drilled	6002-U15-JQ	6002-U14-JQ
AISI 304 drilled	6002-U15-PC	6002-U14-PC

Toggle latch with links PROGRAM 6000



Toggle latch with low opening resistance

	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6003-U79-JQ	6003-U80-JQ



Toggle latch with low opening resistance

	Without padlock-facility
Zinc plated steel DS plus Top Coat drilled	6003-U71-JQ
AISI 304 drilled	6003-U71-PC



Further parts see page possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-958-xxx	12F-1660
- Back plate	12F-1680



Further parts see page possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-958-xxx	12F-1660

INOX
AISI
3..



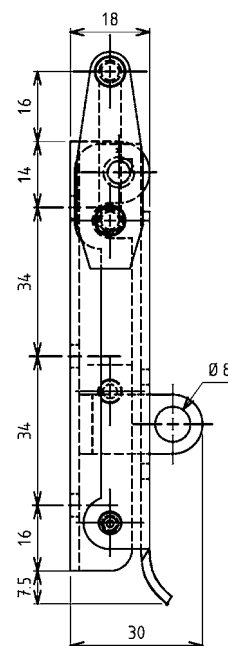
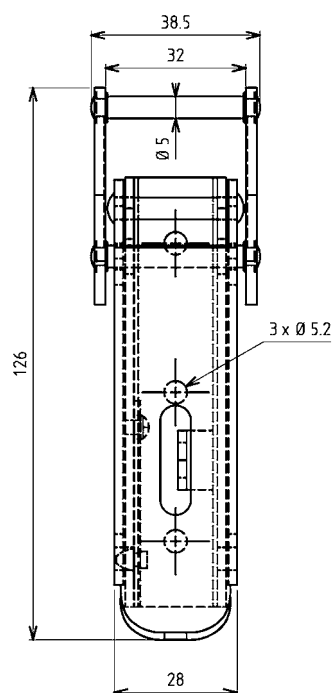
Further parts see page
possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-339-xxx	12F-1640
6010-958-xxx	12F-1660



Further parts see page
possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-958-xxx	12F-1660

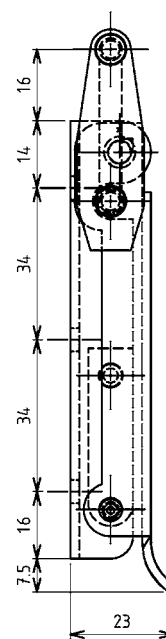
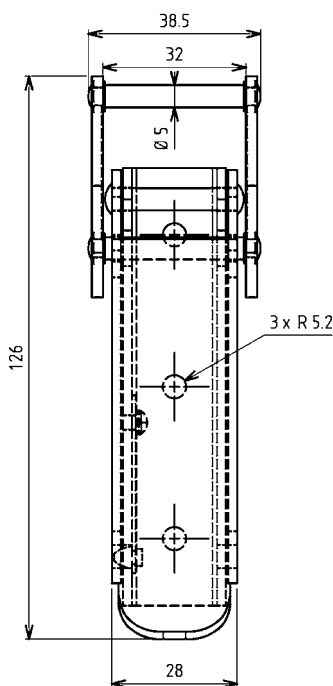


Toggle latch with high opening resistance

	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6003-U82-JQ	6003-U81-JQ



STAINLESS STEEL

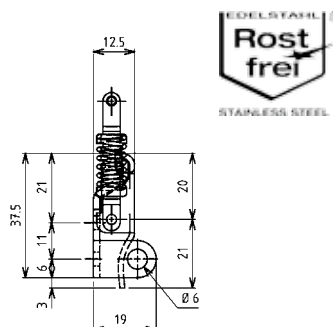
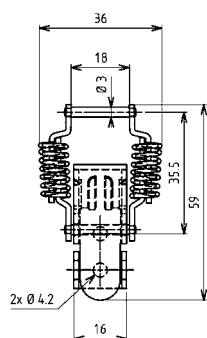


Toggle latch with low opening resistance

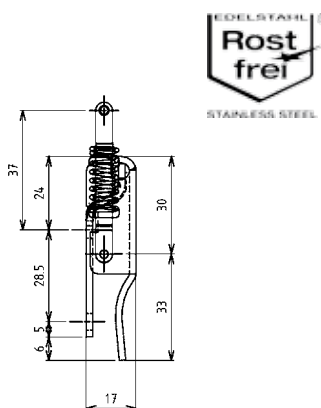
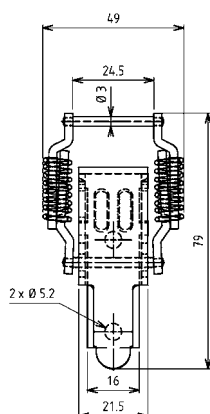
	Without padlock-facility
AISI 304 drilled	6003-U86-PC

Spring loaded toggle latches

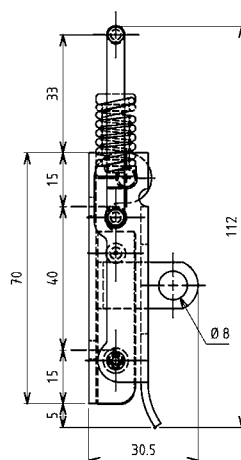
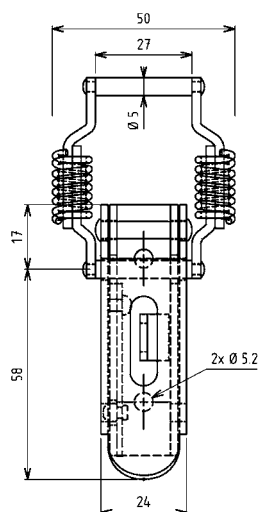
PROGRAM 6000



Toggle latch	Without padlock-facility	With padlock-facility
Raw steel drilled	6004-U22-KA	6004-U23-KA
Zinc plated steel DS plus Top Coat drilled	6004-U22-JQ	6004-U23-JQ
AISI 304 drilled	6004-U22-PC	6004-U23-PC



Toggle latch	Without padlock-facility	With padlock-facility
Raw steel drilled	6004-U24-KA	6004-U25-KA
Zinc plated steel DS plus Top Coat drilled	6004-U24-JQ	6004-U25-JQ
AISI 304 drilled	6004-U24-PC	6004-U25-PC



Toggle latch with high opening resistance	Without padlock-facility	With padlock-facility
Raw steel drilled	6004-U26-KA	6004-U37-KA
Zinc plated steel DS plus Top Coat drilled	6004-U26-JQ	6004-U37-JQ



Further parts see page possible catch plates

6010-04-xxx	12F-1520
6010-05-xxx	12F-1540
6010-08-xxx	12F-1620
6010-243-xxx	12F-1570
6010-316-xxx	12F-1570



Further parts see page possible catch plates

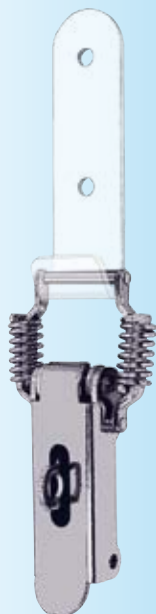
6010-06-xxx	12F-1540
6010-09-xxx	12F-1620
6010-12-xxx	12F-1620
6010-315-xxx	12F-1570
6010-316-xxx	12F-1570
6010-958-xxx	12F-1660



Further parts see page possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-339-xxx	12F-1640
6010-958-xxx	12F-1660

Spring loaded toggle latches PROGRAM 6000



Further parts see page
possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-339-xxx	12F-1640
6010-958-xxx	12F-1660

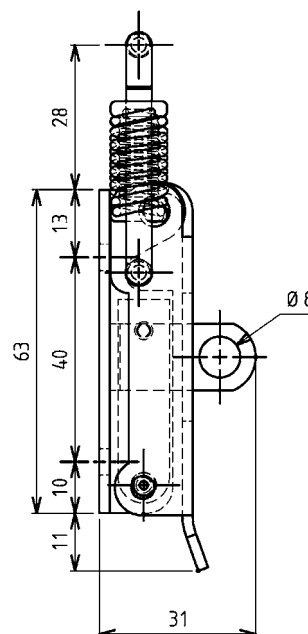
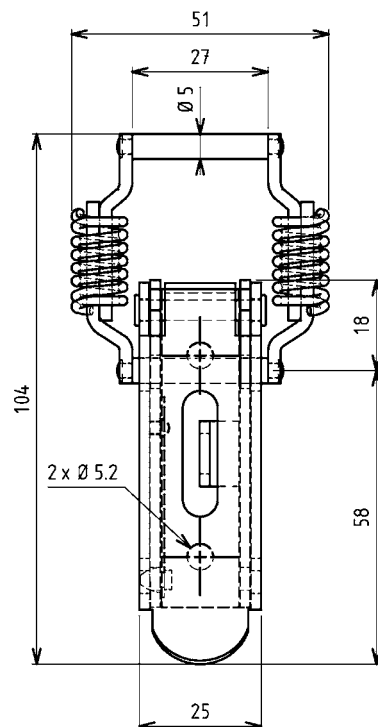


Further parts see page
possible catch plates

6010-15-xxx	12F-1640
6010-16-xxx	12F-1660
6010-17-xxx	12F-1660

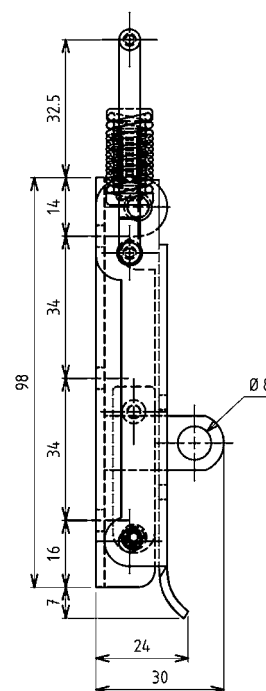
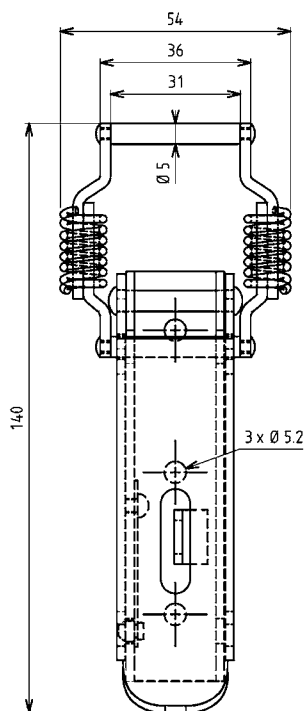
12F-1230

(12F-1220; 12F-



Toggle latch with low opening resistance

	Without padlock-facility	With padlock-facility
Raw steel drilled	6004-U30-KA	6004-U31-KA
Zinc plated steel DS plus Top Coat drilled	6004-U30-JQ	6004-U31-JQ

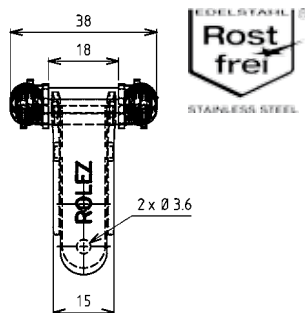
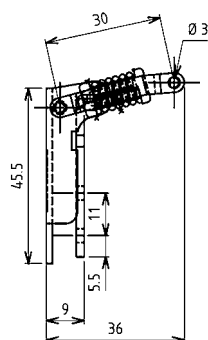


Toggle latch with high opening resistance

	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6004-U27-JQ	6004-U34-JQ

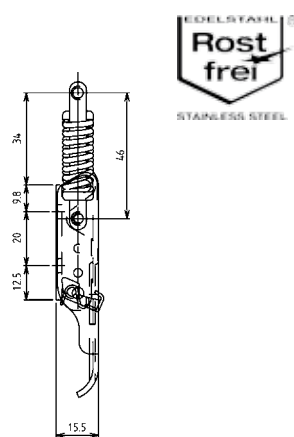
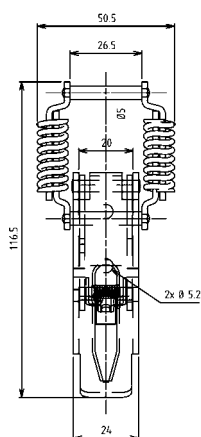
Spring loaded toggle latches

PROGRAM 6000



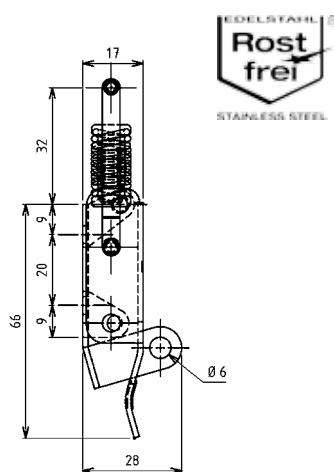
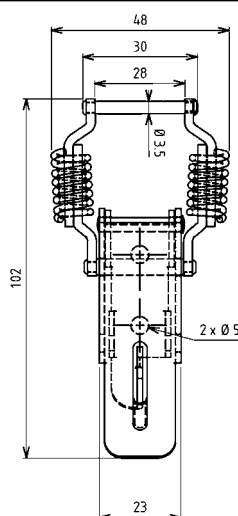
Toggle latch with corner function

	Without padlock-facility
Zinc plated steel DS plus Top Coat drilled	6004-U20-JQ
AISI 304 drilled	6004-U20-PC



Toggle latch

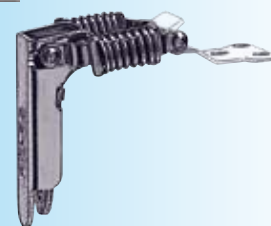
	Without locking latch	With locking latch
Zinc plated steel DS plus Top Coat drilled	6004-U17-JQ	6004-U517-JQ
AISI 304 drilled	6004-U17-PC	6004-U517-PC



Toggle latch with high opening resistance

	Without padlock-facility	With padlock-facility
Raw steel drilled	6004-U18-KA	6004-U518-KA
Zinc plated steel DS plus Top Coat drilled	6004-U18-JQ	6004-U518-JQ

INOX
AISI
3..



Further parts see page
possible catch plates

6010-04-xxx	12F-1520
6010-05-xxx	12F-1540
6010-243-xxx	12F-1570
6010-316-xxx	12F-1570



Further parts see page
possible catch plates

6010-12-xxx	12F-1620
6010-13-xxx	12F-1640
6010-14-xxx	12F-1640
6010-339-xxx	12F-1640
6010-958-xxx	12F-1660



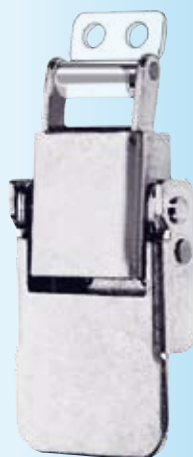
Further parts see page
possible catch plates

6010-06-xxx	12F-1540
6010-09-xxx	12F-1620
6010-12-xxx	12F-1620
6010-315-xxx	12F-1570
6010-958-xxx	12F-1660

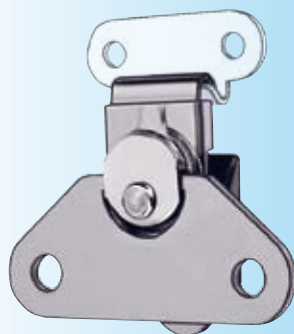
12F-1240 04/07



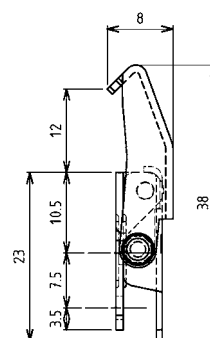
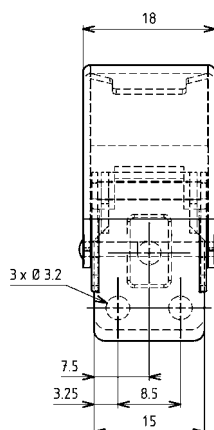
Further parts see page
possible catch plates
6010-200-xxx 12F-1560



Further parts see page
possible catch plates
6010-07-xxx 12F-1540

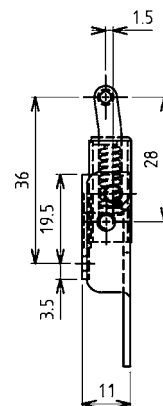
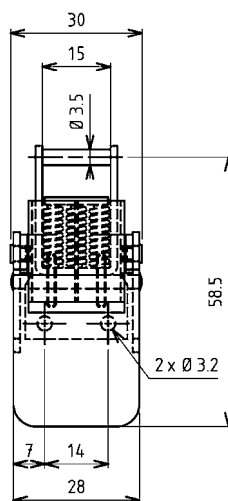


Further parts see page
possible catch plates
6010-20-xxx 12F-1560



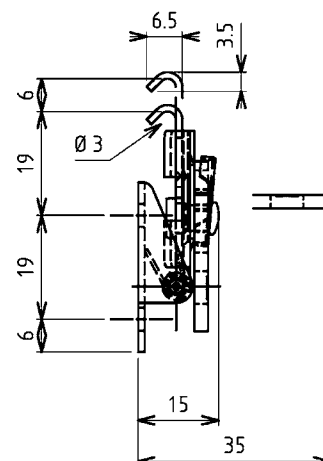
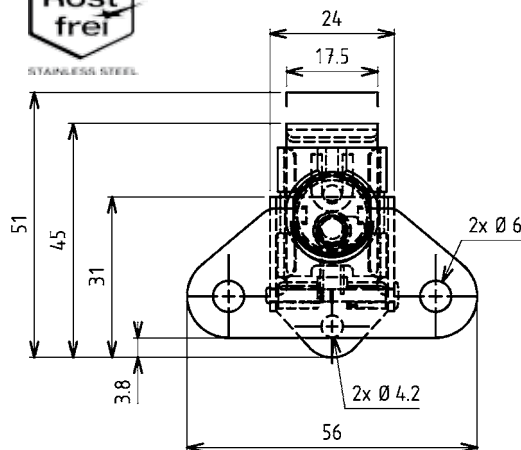
Toggle latch with claw links

Raw steel drilled	6005-U200-KA
Zinc plated steel DS plus Top Coat drilled	6005-U200-JQ
AISI 304 drilled	6005-U200-PC



Toggle latch with claw links

Zinc plated steel DS plus Top Coat drilled	6005-U28-JQ
AISI 304 drilled	6005-U28-PC

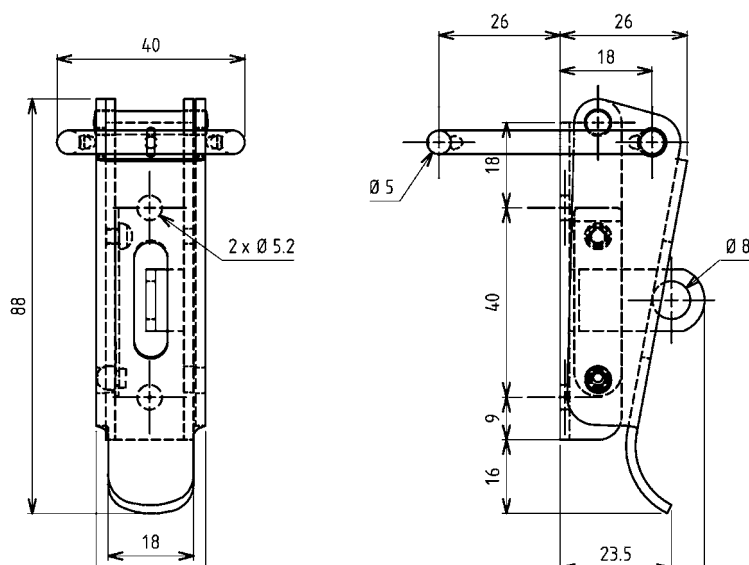


Compression latch

Zinc plated steel DS plus Top Coat drilled	6006-U10-JQ
AISI 304 drilled	6006-U10-PC

Special toggle latches

PROGRAM 6000



Toggle latch with corner function

	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	6006-U46-JQ	6006-U47-JQ

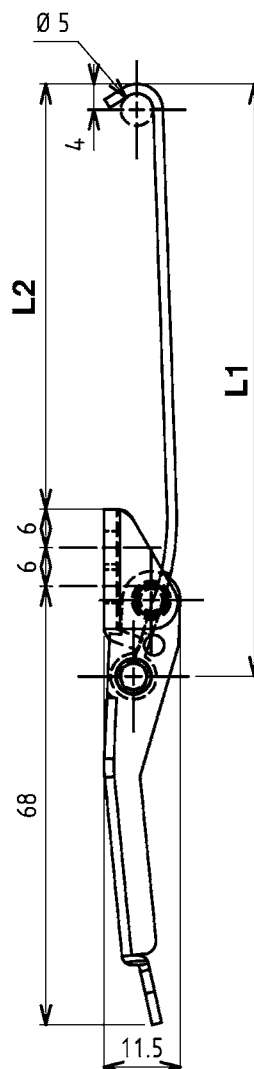
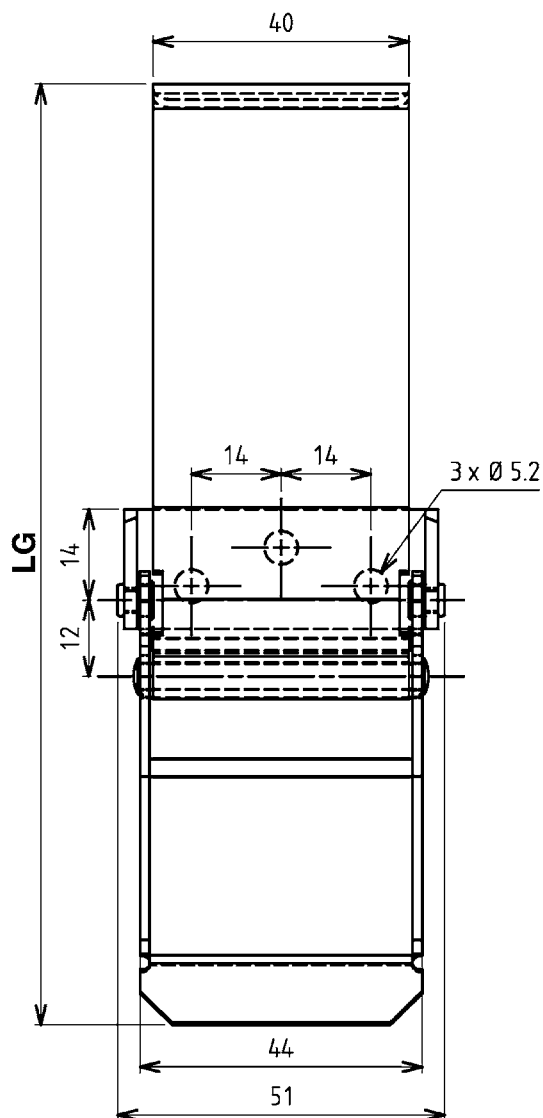
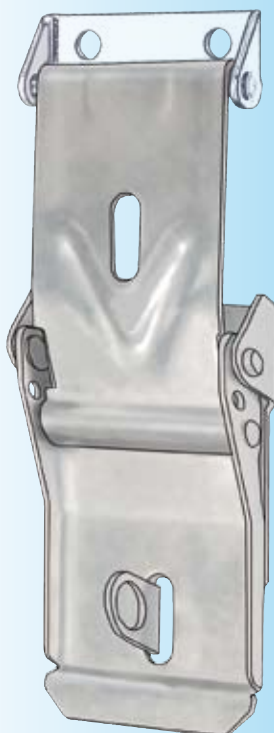


Further parts see page

possible catch plates	
6010-12-xxx	12F-1620
6010-958-xxx	12F-1660

INOX
AISI
3..

EDELSTAHL
**Rost
frei**
STAINLESS STEEL



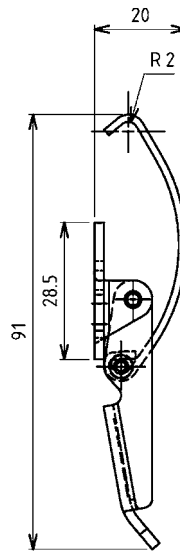
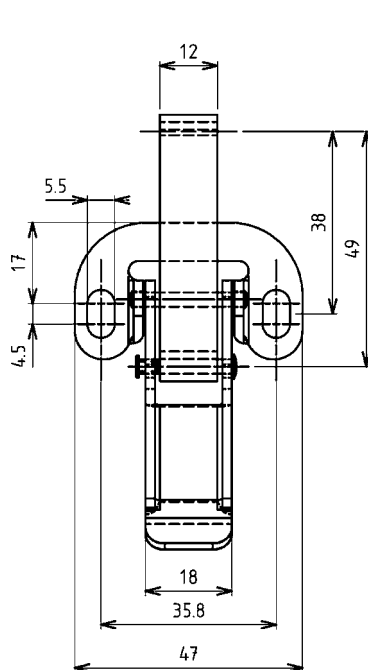
Further parts see page
possible catch plates

6010-18-xxx 12F-1560
6010-261-xxx 12F-1580
6010-690-xxx 12F-1580
6010-694-xxx 12F-1580

Toggle latch	LG	L1	L2	Without padlock-facility	With padlock-facility
Zinc plated steel DS plus Top Coat drilled	110	56	29	6007-U689-56JQ	
AISI 304 drilled	110	56	29	6007-U689-56PC	
Zinc plated steel DS plus Top Coat drilled	120	67	39	6007-U689-67JQ	6007-U692-67JQ
AISI 304 drilled	120	67	39	6007-U689-67PC	6007-U692-67PC
Zinc plated steel DS plus Top Coat drilled	131	77	50	6007-U689-77JQ	
AISI 304 drilled	131	77	50	6007-U689-77PC	
Zinc plated steel DS plus Top Coat drilled	147	93	66	6007-U689-93JQ	
AISI 304 drilled	147	93	66	6007-U689-93PC	

PROGRAM 6000

Beschlagteile



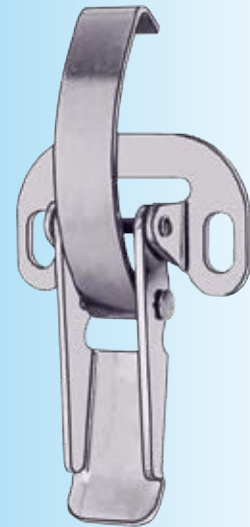
Toggle latch

Zinc plated steel DS plus Top Coat drilled

6007-U435-JQ

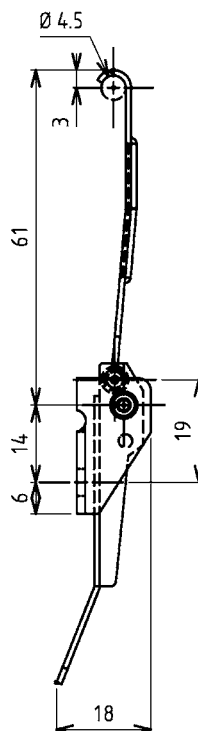
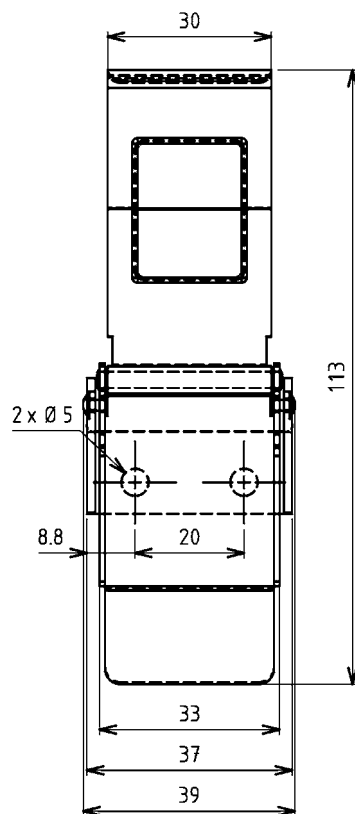
AISI 304 drilled

6007-U435-PC



Further parts see page
possible catch plates

6010-01-xxx	12F-1520
6010-05-xxx	12F-1540
6010-316-xxx	12F-1570



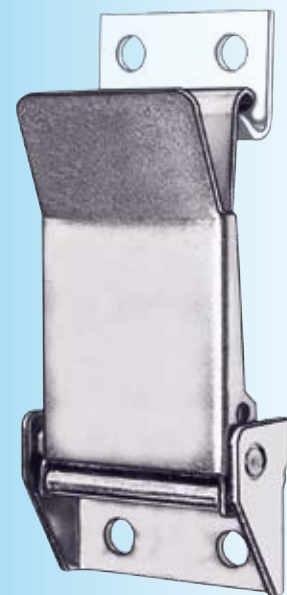
Toggle latch

Zinc plated steel DS plus Top Coat drilled

6007-U80-JQ

AISI 304 drilled

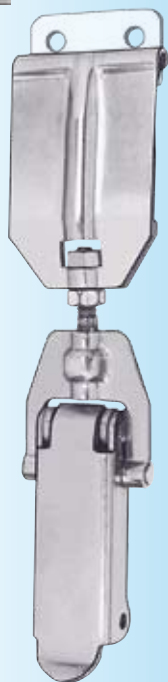
6007-U80-PC



Further parts see page
possible catch plates

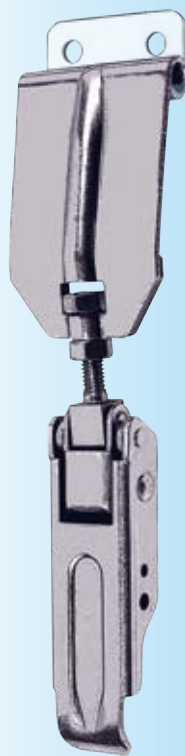
6010-241-xxx	12F-1570
6010-866-xxx	12F-1580

INOX
AISI
3..



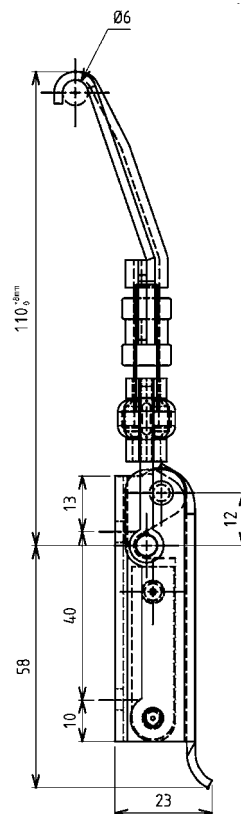
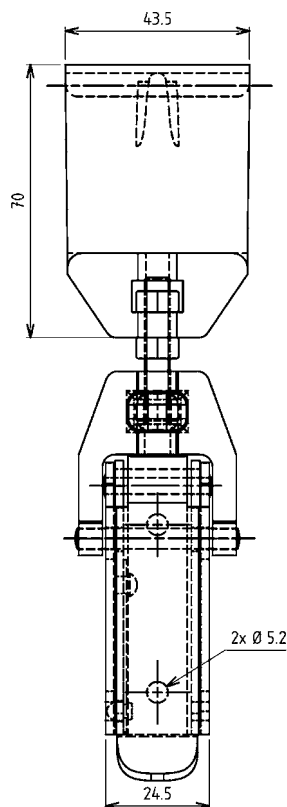
Further parts see page
possible catch plates
6010-18-xxx
6010-261-xxx

12F-1560
12F-1580



Further parts see page
possible catch plates
6010-18-xxx
6010-261-xxx

12F-1560
12F-1580

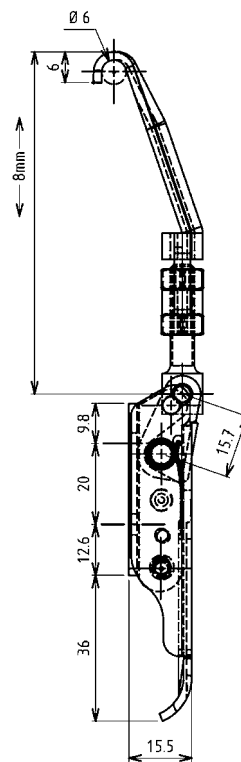
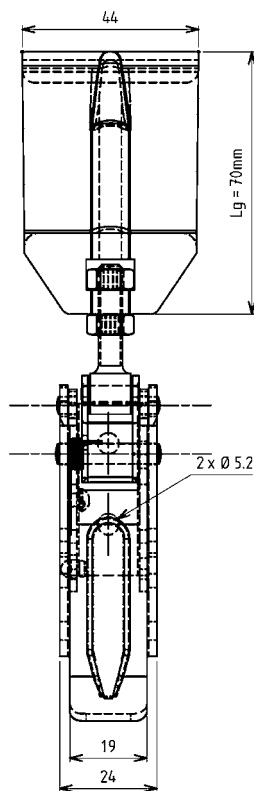


Toggle latch

Zinc plated steel DS plus Top Coat drilled

Without padlock-
facility

6008-U364-JQ



Toggle latch

Zinc plated steel DS plus Top Coat drilled

AISI 304 drilled

Without locking
latch

6008-U365-JQ

6008-U365-PC

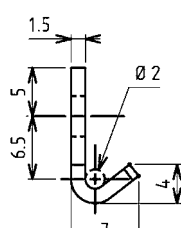
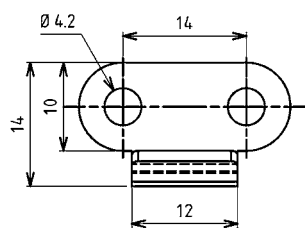
With locking latch

6008-U865-JQ

6008-U865-PC

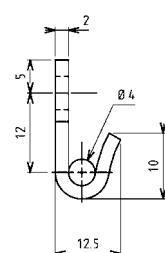
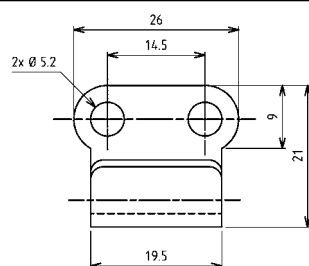
Catch plate

PROGRAM 6000



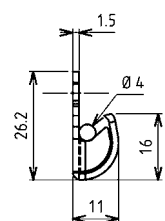
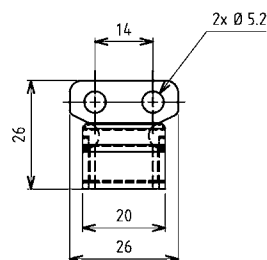
Catch plate

Raw steel drilled	6010-01-KA
Raw steel undrilled	6010-01-01KA
Zinc plated steel DS plus Top Coat drilled	6010-01-JQ
AISI 304 drilled	6010-01-PC
AISI 304, undrilled	6010-01-01PC



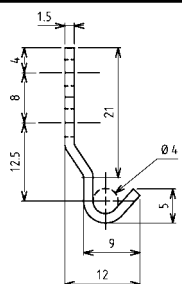
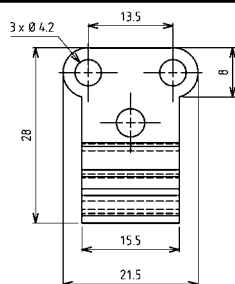
Catch plate

Raw steel drilled	6010-02-KA
Raw steel undrilled	6010-02-01KA
Zinc plated steel DS plus Top Coat drilled	6010-02-JQ
AISI 304 drilled	6010-02-PC
AISI 304, undrilled	6010-02-01PC



Catch plate

Raw steel drilled	6010-03-KA
Zinc plated steel DS plus Top Coat drilled	6010-03-JQ
AISI 304 drilled	6010-03-PC



Catch plate

Raw steel drilled	6010-04-KA
Zinc plated steel DS plus Top Coat drilled	6010-04-JQ
AISI 304 drilled	6010-04-PC



Further parts see page
– Toggle latch

9A-120
12F-1140
12F-1310



Further parts see page
– Toggle latch

9A-120



Further parts see page
– Toggle latch

9A-120



Further parts see page
– Toggle latch

12F-1220
12F-1240

Catch plate PROGRAM 6000

Beschlagteile



Further parts see page
– Toggle latch 12F-1260



Further parts see page
– Toggle latch 9A-120
12F-1140



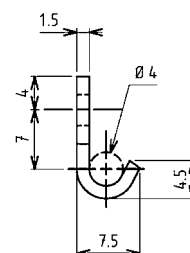
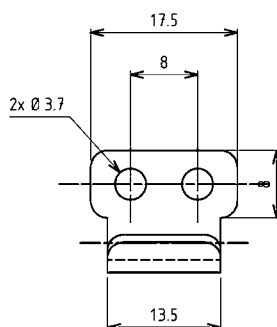
Further parts see page
– Toggle latch 12F-1220
12F-1240
12F-1310



Further parts see page
– Toggle latch 12F-1220
12F-1240

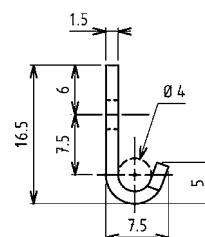
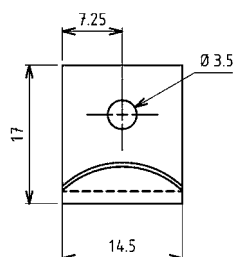
12F-1540

(9A-500; 12F-1520)



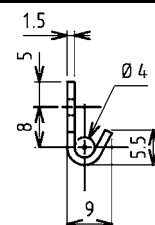
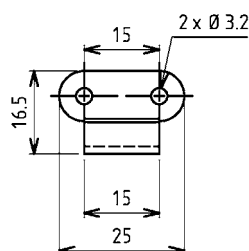
Catch plate

Zinc plated steel DS plus Top Coat drilled	6010-07-JQ
AISI 304 drilled	6010-07-PC



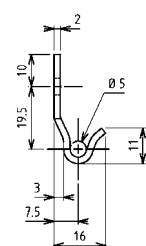
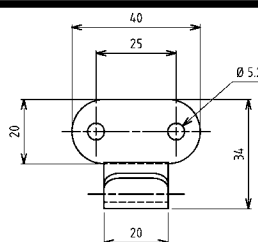
Catch plate

Raw steel drilled	6010-11-KA
Raw steel undrilled	6010-11-01KA
Zinc plated steel DS plus Top Coat drilled	6010-11-JQ
AISI 304 drilled	6010-11-PC
AISI 304, undrilled	6010-11-01PC



Catch plate

Raw steel drilled	6010-05-KA
Zinc plated steel DS plus Top Coat drilled	6010-05-JQ
AISI 304 drilled	6010-05-PC

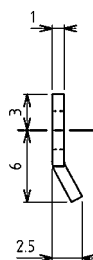
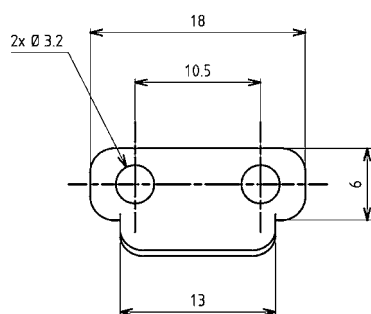


Catch plate

Raw steel drilled	6010-06-KA
Zinc plated steel DS plus Top Coat drilled	6010-06-JQ
AISI 304 drilled	6010-06-PC

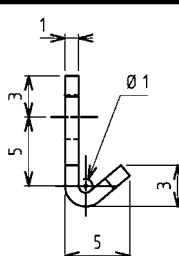
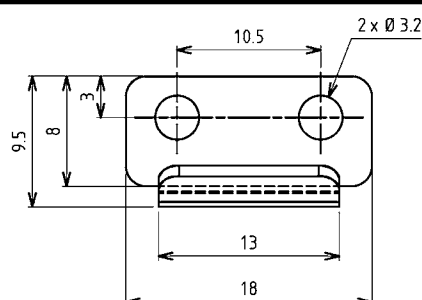
Catch plate

PROGRAM 6000



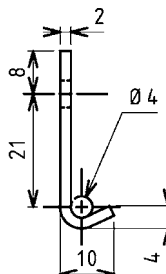
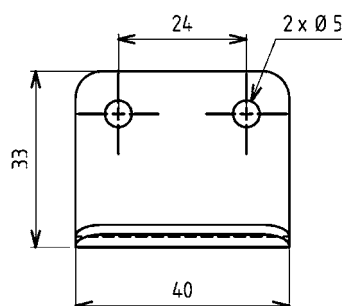
Catch plate

Raw steel drilled	6010-200-KA
Zinc plated steel DS plus Top Coat drilled	6010-200-JQ
AISI 304 drilled	6010-200-PC



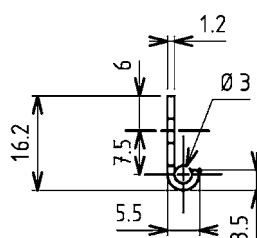
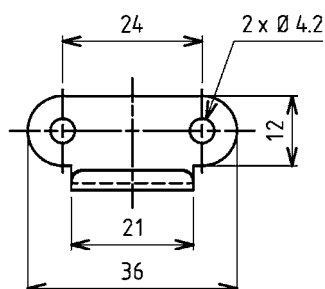
Catch plate

Raw steel drilled	6010-139-KA
Zinc plated steel DS plus Top Coat drilled	6010-139-JQ
AISI 304 drilled	6010-139-PC



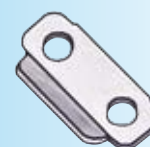
Catch plate

Raw steel drilled	6010-18-KA
Zinc plated steel DS plus Top Coat drilled	6010-18-JQ
AISI 304 drilled	6010-18-PC



Catch plate

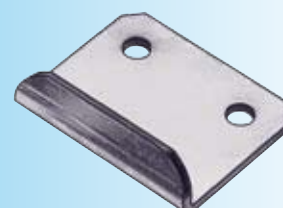
Zinc plated steel DS plus Top Coat drilled	6010-20-JQ
AISI 304 drilled	6010-20-PC



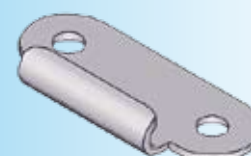
Further parts see page
– Toggle latch 12F-1260



Further parts see page
– Toggle latch 12F-1140



Further parts see page
– Toggle latch 12F-1320

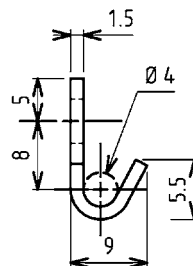
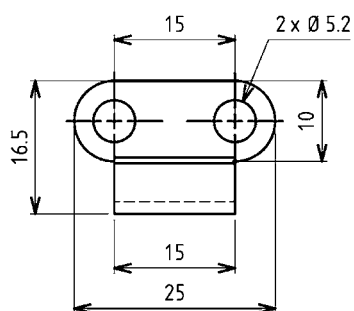


Further parts see page
– Toggle latch 12F-1260



Further parts see page
– Toggle latch

12F-1220
12F-1240
12F-1310



Catch plate

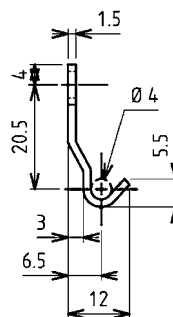
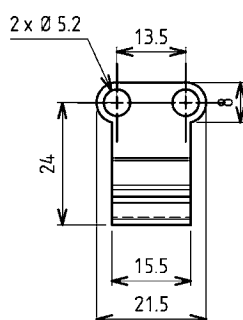
Zinc plated steel DS plus Top Coat drilled

6010-316-JQ



Further parts see page
– Toggle latch

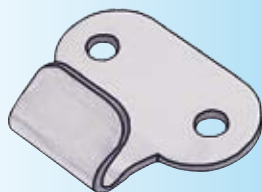
12F-1220
12F-1240



Catch plate

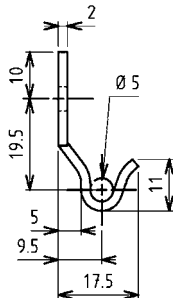
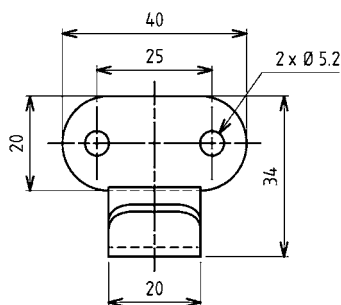
Zinc plated steel DS plus Top Coat drilled

6010-243-JQ



Further parts see page
– Toggle latch

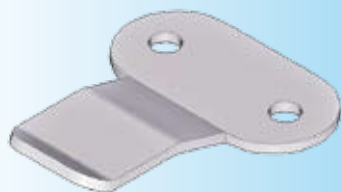
12F-1220
12F-1240



Catch plate

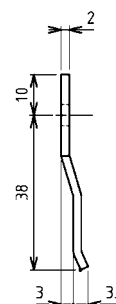
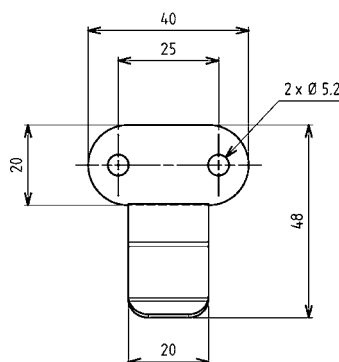
Zinc plated steel DS plus Top Coat drilled

6010-315-JQ



Further parts see page
– Toggle latch

12F-1310



Catch plate

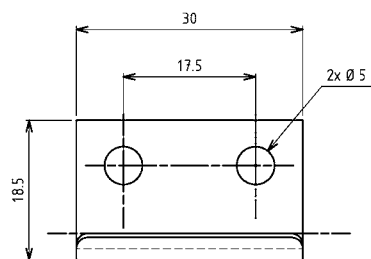
Zinc plated steel DS plus Top Coat drilled

6010-241-JQ

12F-1570

Catch plate

PROGRAM 6000



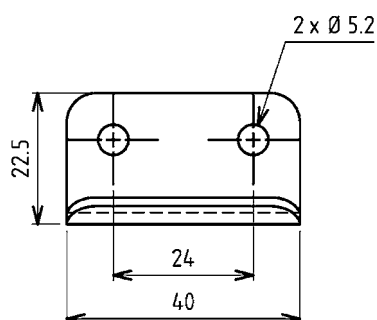
Catch plate

Zinc plated steel DS plus Top Coat drilled

6010-866-JQ

AISI 304 drilled

6010-866-PC



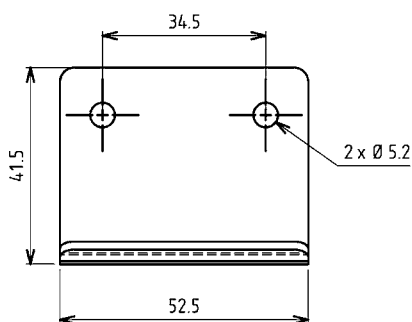
Catch plate

Zinc plated steel DS plus Top Coat drilled

6010-261-JQ

AISI 304 drilled

6010-261-PC



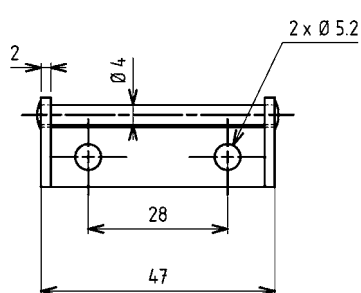
Catch plate

Zinc plated steel DS plus Top Coat drilled

6010-690-JQ

AISI 304 drilled

6010-690-PC



Catch plate

Zinc plated steel DS plus Top Coat drilled

6010-694-JQ

AISI 304 drilled

6010-694-PC



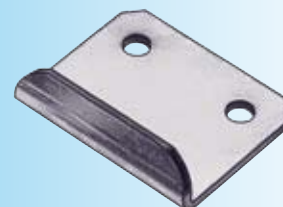
Further parts see page
– Toggle latch

12F-1310



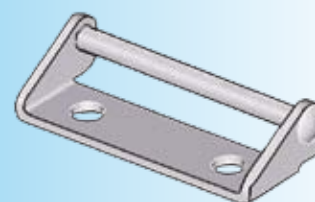
Further parts see page
– Toggle latch

12F-1300
12F-1320



Further parts see page
– Toggle latch

12F-1300



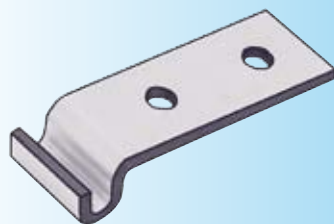
Further parts see page
– Toggle latch

12F-1300

Catch plate PROGRAM 6000

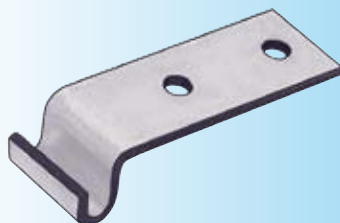
Beschlagteile

INOX
AISI
3..



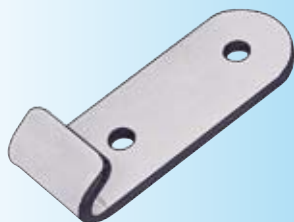
Further parts see page
– Toggle latch

9A-120
12F-1140
12F-1220



Further parts see page
– Toggle latch

9A-120
12F-1220
12F-1240



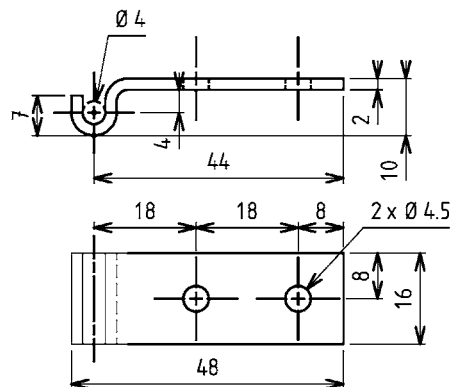
Further parts see page
– Toggle latch

12F-1160
12F-1180
12F-1200
12F-1220
12F-1230
12F-1240
12F-1280

12F-1620

(12F-1520)

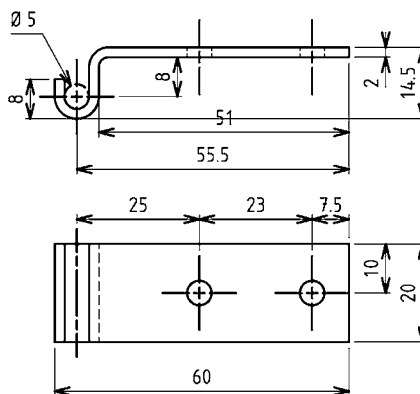
EDELSTAHL
Rost frei
STAINLESS STEEL



Catch plate

Raw steel drilled	6010-08-KA
Raw steel undrilled	6010-08-01KA
Zinc plated steel DS plus Top Coat drilled	6010-08-JQ
AISI 304 drilled	6010-08-PC
AISI 304, undrilled	6010-08-01PC

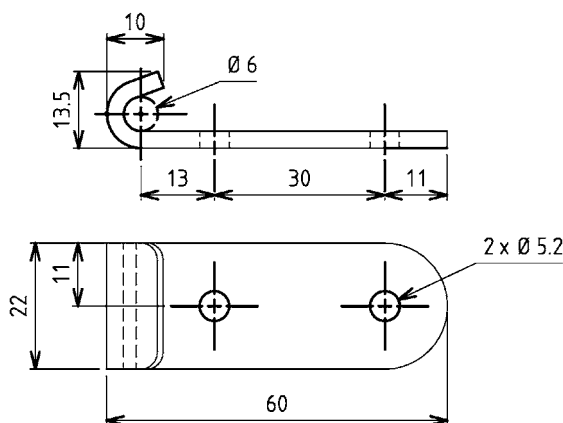
EDELSTAHL
Rost frei
STAINLESS STEEL



Catch plate

Raw steel drilled	6010-09-KA
Raw steel undrilled	6010-09-01KA
Zinc plated steel DS plus Top Coat drilled	6010-09-JQ
AISI 304 drilled	6010-09-PC
AISI 304, undrilled	6010-09-01PC

EDELSTAHL
Rost frei
STAINLESS STEEL

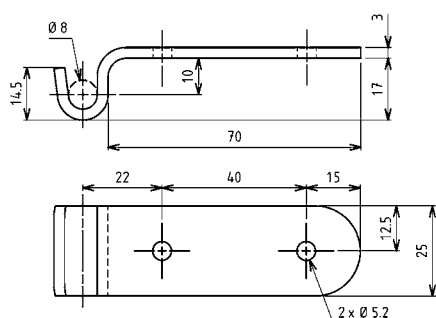


Catch plate

Raw steel drilled	6010-12-KA
Zinc plated steel DS plus Top Coat drilled	6010-12-JQ
AISI 304 drilled	6010-12-PC

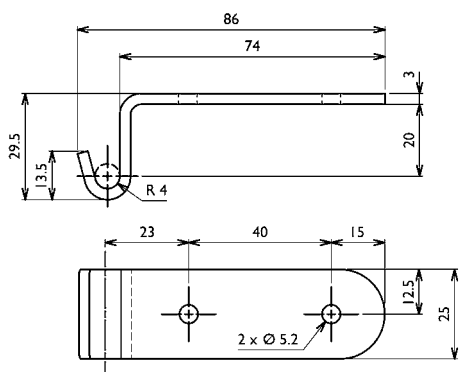
Catch plate

PROGRAM 6000



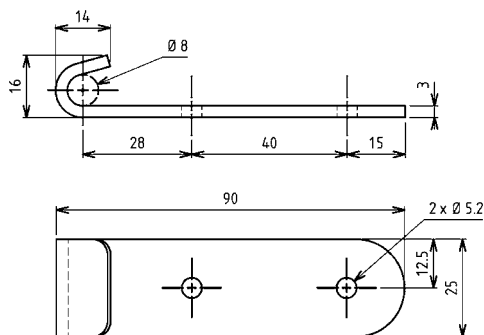
Catch plate

Raw steel drilled	6010-13-KA
Zinc plated steel DS plus Top Coat drilled	6010-13-JQ
AISI 304 drilled	6010-13-PC



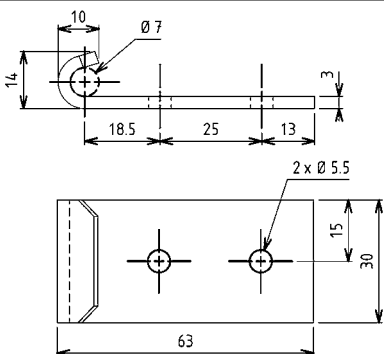
Catch plate

Zinc plated steel DS plus Top Coat drilled	6010-339-JQ
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Catch plate

Raw steel drilled	6010-14-KA
Zinc plated steel DS plus Top Coat drilled	6010-14-JQ
AISI 304 drilled	6010-14-PC



Catch plate

Zinc plated steel DS plus Top Coat drilled	6010-15-JQ
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Further parts see page
– Toggle latch

12F-1160
12F-1180
12F-1200
12F-1220
12F-1230
12F-1240
12F-1680

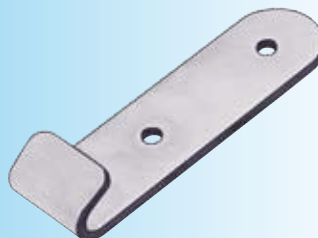
– Back plate



Further parts see page
– Toggle latch

12F-1160
12F-1180
12F-1200
12F-1220
12F-1230
12F-1240
12F-1680

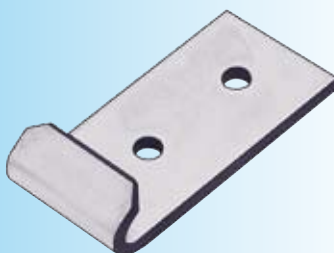
– Back plate



Further parts see page
– Toggle latch

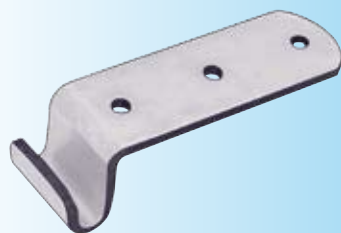
12F-1160
12F-1180
12F-1200
12F-1220
12F-1230
12F-1240
12F-1680

– Back plate



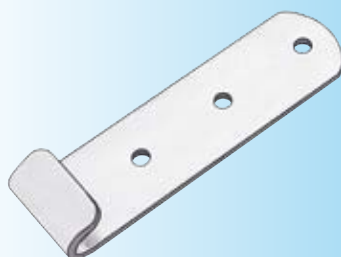
Further parts see page
– Toggle latch

12F-1230



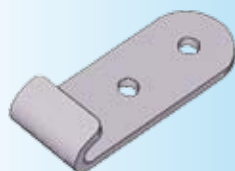
Further parts see page
– Toggle latch

12F-1160
12F-1230



Further parts see page
– Toggle latch

12F-1160
12F-1230

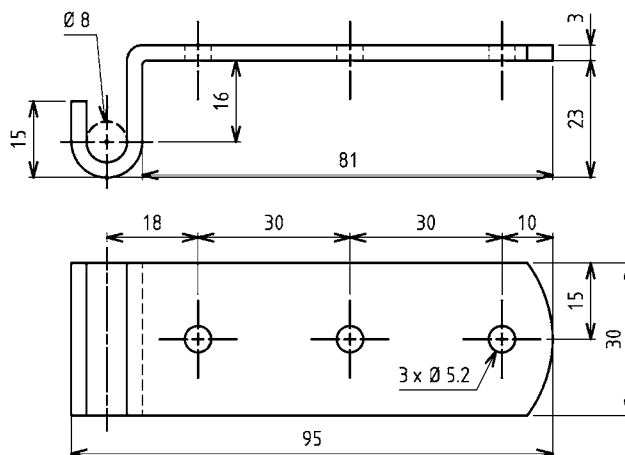


Further parts see page
– Toggle latch

12F-1160
12F-1180
12F-1200
12F-1220
12F-1230
12F-1240
12F-1280

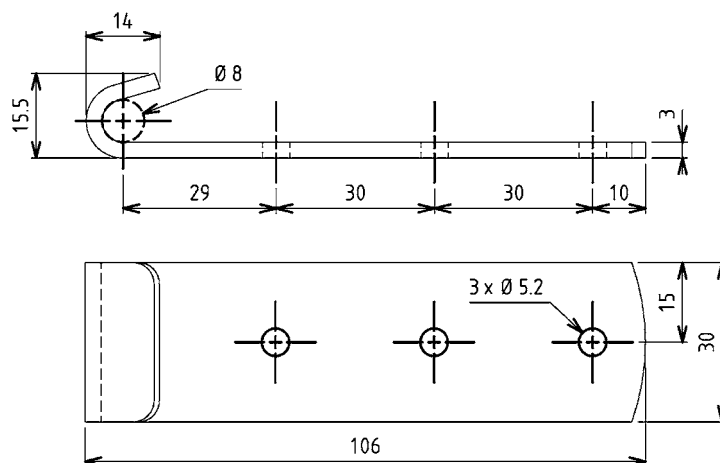
12F-1660

(12F-1540)



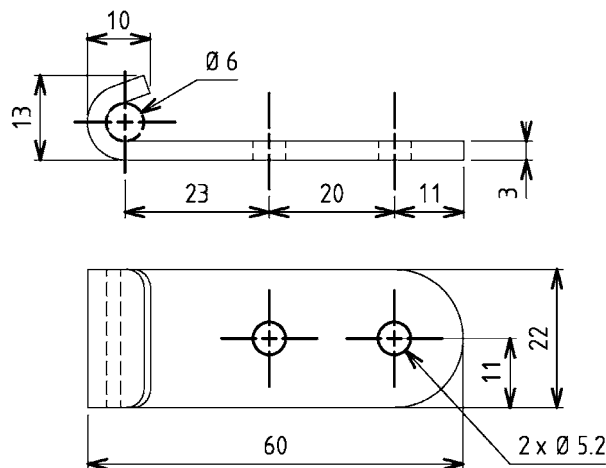
Catch plate

Raw steel drilled	6010-16-KA
Zinc plated steel DS plus Top Coat drilled	6010-16-JQ
AISI 304 drilled	6010-16-PC



Catch plate

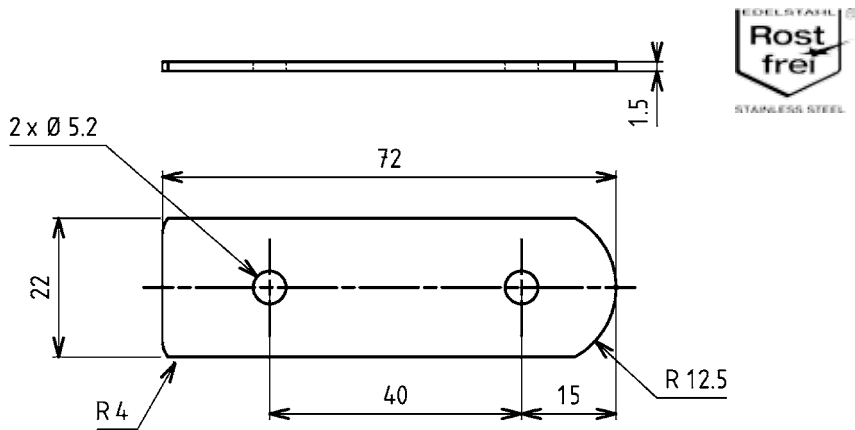
Raw steel drilled	6010-17-KA
Zinc plated steel DS plus Top Coat drilled	6010-17-JQ
AISI 304 drilled	6010-17-PC



Catch plate

Zinc plated steel DS plus Top Coat drilled	6010-958-JQ
AISI 304 drilled	6010-958-PC

Back plate PROGRAM 6000



Back plate for toggle latch and catch plate

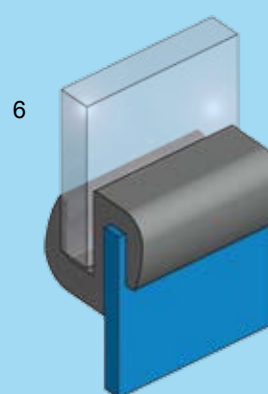
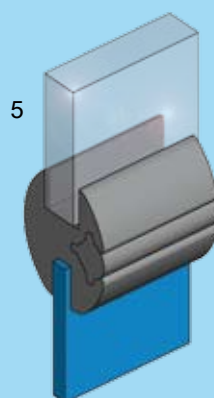
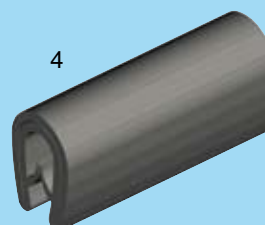
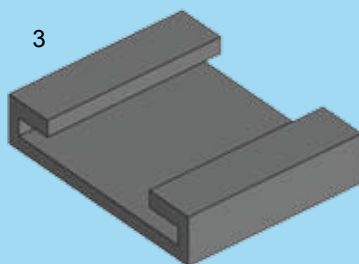
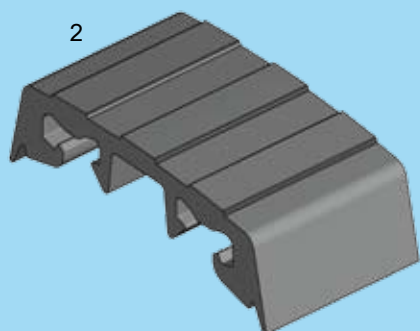
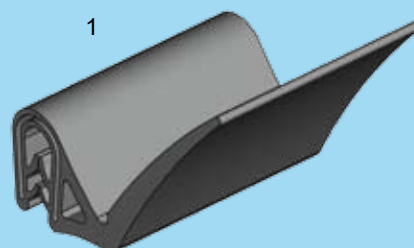
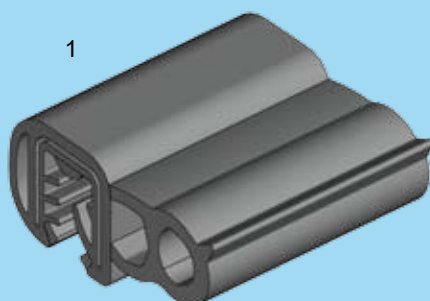
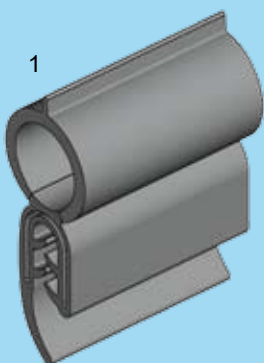
Raw steel	6042-82-KA
Zinc plated steel DS plus Top Coat drilled	6042-82-JQ
AISI 304	6042-82-PC



Further parts see page
– Toggle latch 12F-1180
– Catch plate 12F-1640

Notes:

Gasketing, cover, support for tank straps, edge protection, window-rubber with locking strip



- | | | |
|---|----------------------------------|----------------------|
| 1 | Gasketing | 12F-2020 to 12F-2340 |
| 2 | Cover | 12F-2340 |
| 3 | Support for tank straps | 12F-2360, 12F-2380 |
| 4 | Edge-protection | 12F-2380 to 12F-2420 |
| 5 | Window-rubber with locking strip | 12F-2620, 12F-2640 |
| 6 | Window rubber profile | 12F-2660 |

12F-2000

Info

Quarter turns

1 Rod controls

2 Locking systems

3 Hinges

4 Gasketing

5 Handles

6 Aluminium windows

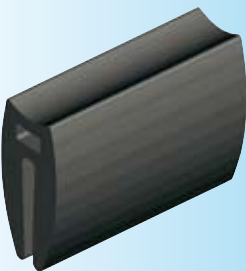
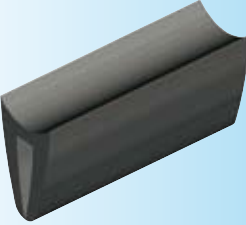
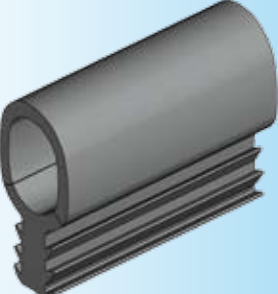
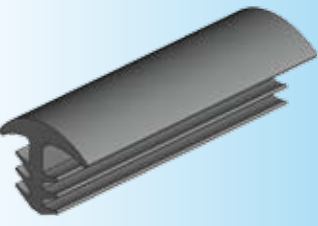
7 Stainless steel

8 Latches

9 Air-conditioning

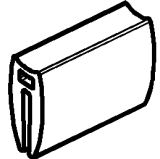
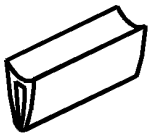
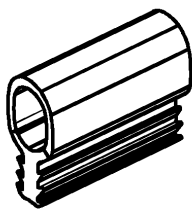
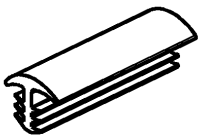
10 ELM Security Systems

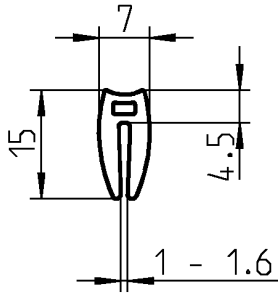
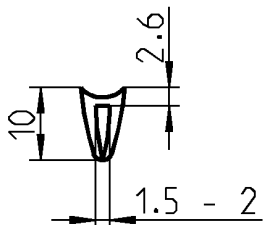
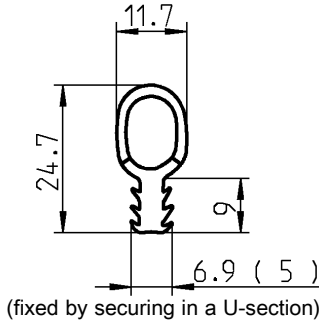
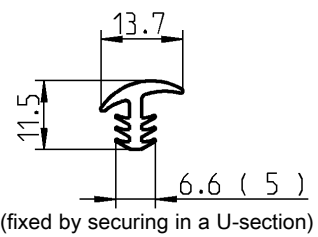
12 Miscellaneous



UL 50
 UL 50E
 UL 94-HB

Gasket black EPDM 55° Shore A

1038-02*

Gasket black EPDM 55° Shore A

1038-06*

Sponge-rubber (EPDM) black (gasket EPDM 60° ± 5 Shore A)

1038-HP499

Gasket black EPDM 70° Shore A

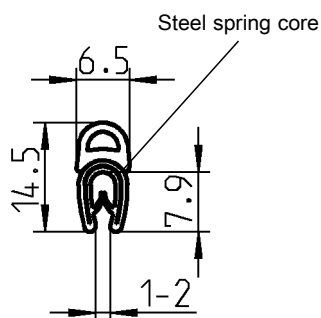
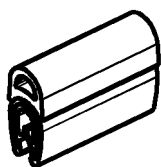
1038-HP382

12F-2020 06/12

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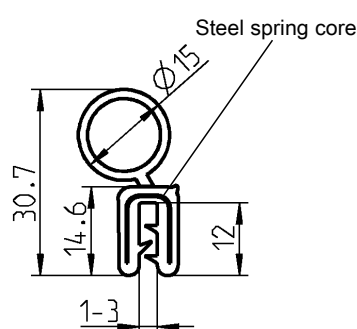
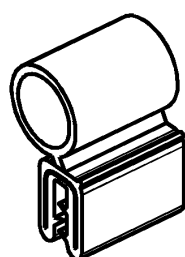
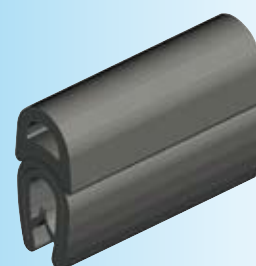
Self-gripping gasketing

PROGRAM 1011



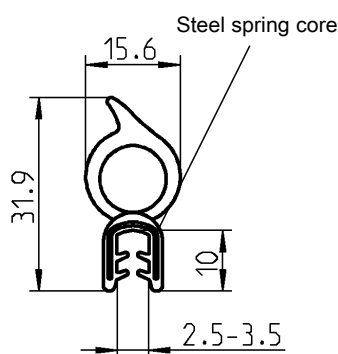
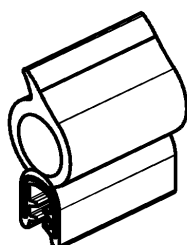
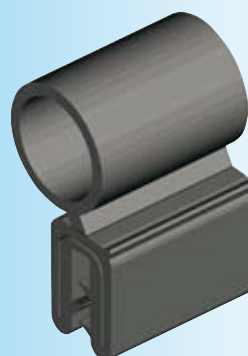
Sponge-rubber (EPDM) black (gasket PVC 75° ± 3 Shore A)

1011-24



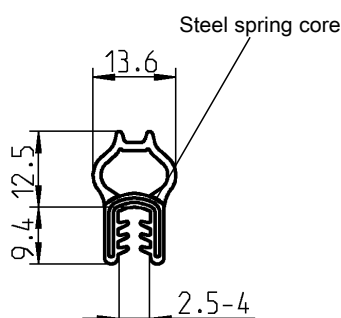
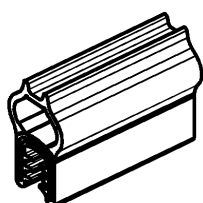
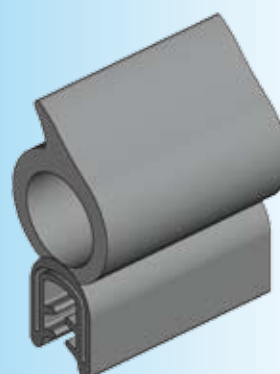
Gasket black EPDM 60° ± 5 Shore A

1011-34



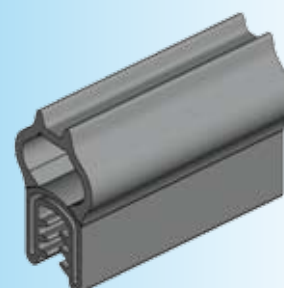
Sponge-rubber (EPDM) black (gasket EPDM 60° Shore A)

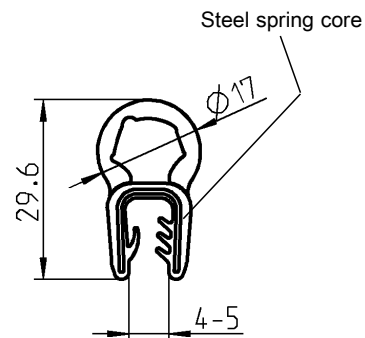
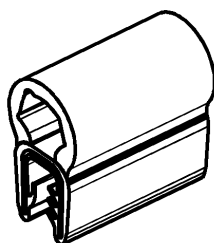
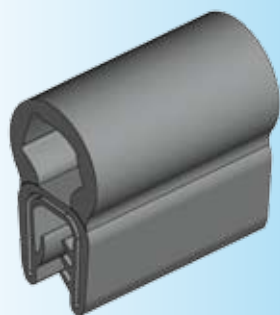
1011-HP86



Sponge-rubber (EPDM) black (gasket EPDM 60° Shore A)

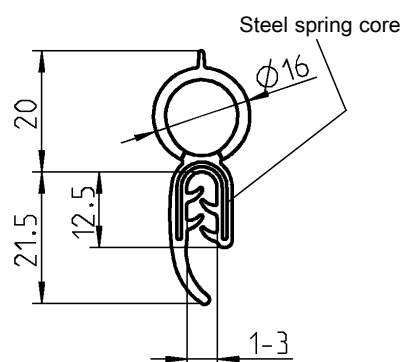
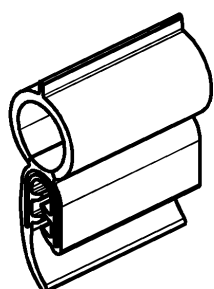
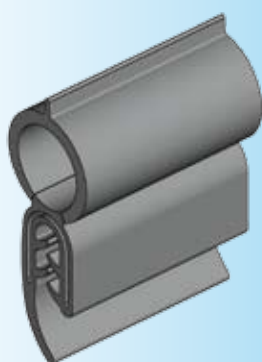
1011-HP160





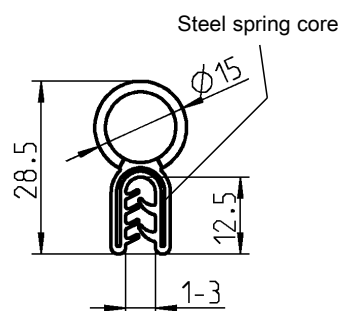
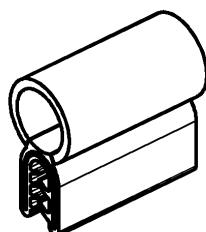
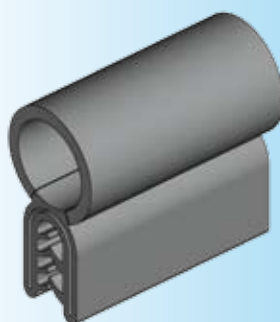
Sponge-rubber (EPDM) black (gasket EPDM 60° Shore A)

1011-HP170



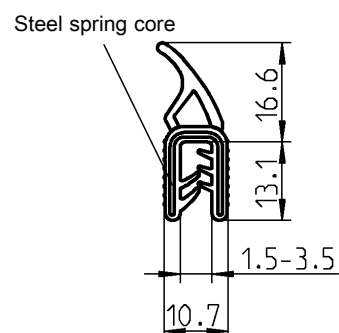
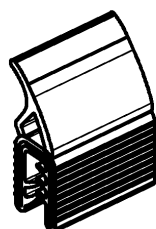
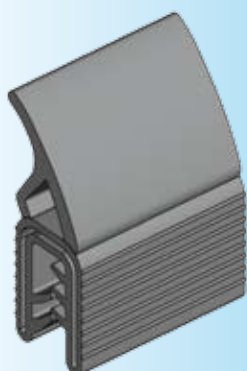
Sponge-rubber (EPDM) black (gasket EPDM 60° Shore A)

1011-HP472



Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP262

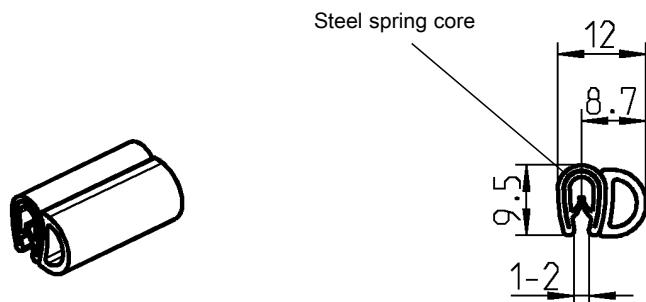


Sponge-rubber (EPDM) black (gasket EPDM 60° Shore A)

1011-HP544

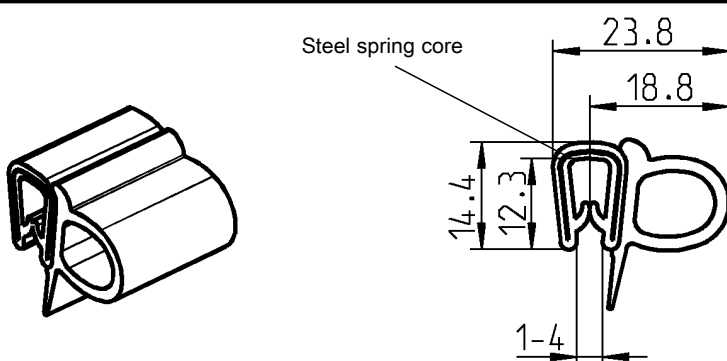
Self-gripping gasketing

PROGRAM 1011



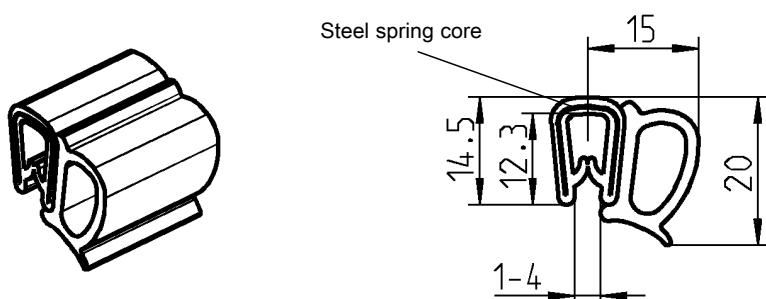
Sponge-rubber (EPDM) black (gasket PVC 75° ± 3 Shore A)

1011-20



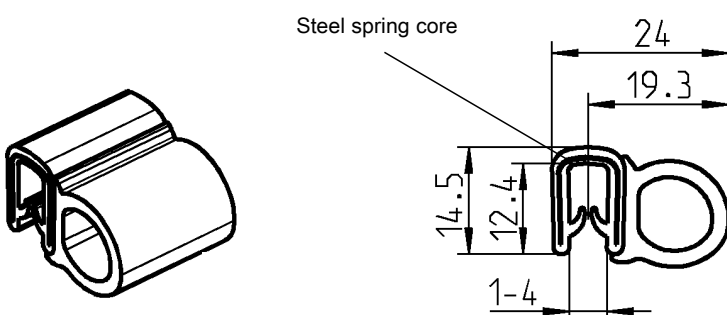
Sponge-rubber (EPDM) black (gasket PVC 75° ± 3 Shore A)

1011-25



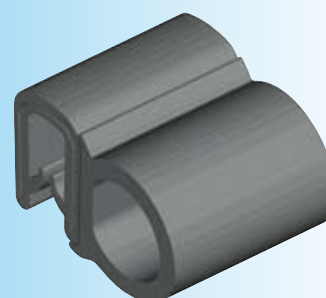
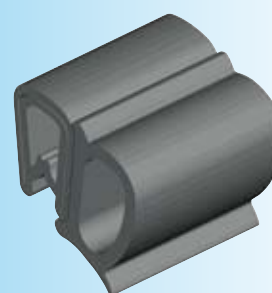
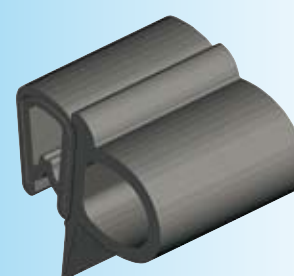
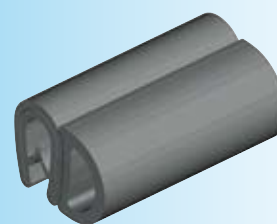
Sponge-rubber (EPDM) black (gasket PVC 75° ± 3 Shore A)

1011-23



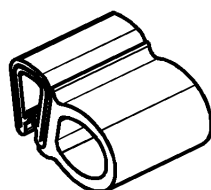
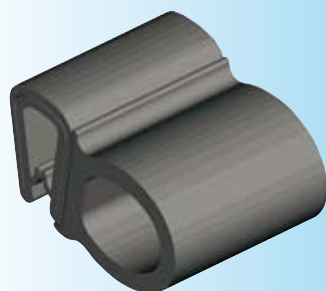
Sponge-rubber (EPDM) black (gasket PVC 75° ± 3 Shore A)

1011-19

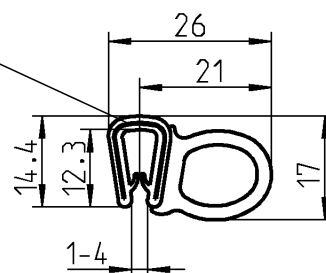


1	Quarter turns
2	Rod controls
3	Locking systems
4	Hinges
5	Gasketing
6	Handles
7	Aluminium windows
8	Stainless steel
9	Latches
10	Air-conditioning
11	ELM Security Systems
12	Miscellaneous

12F-2160

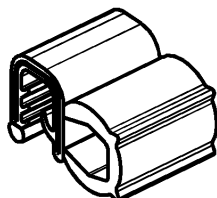
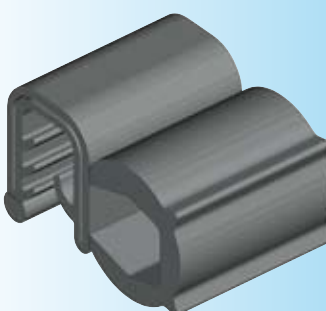


Steel spring core

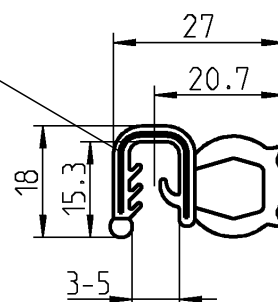


Sponge-rubber (EPDM) black / Gasket PVC

1011-22

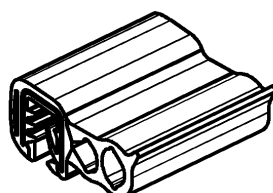
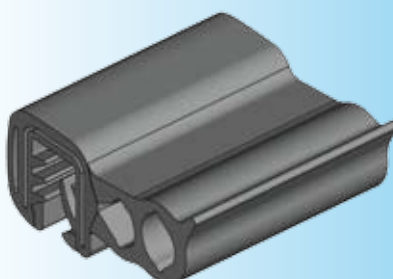


Steel spring core

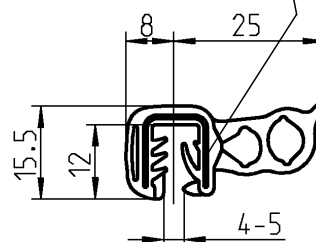


Gasket EPDM 60° ± 5 Shore A black

1011-45

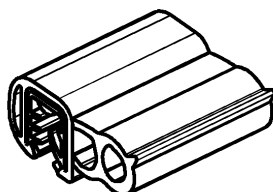
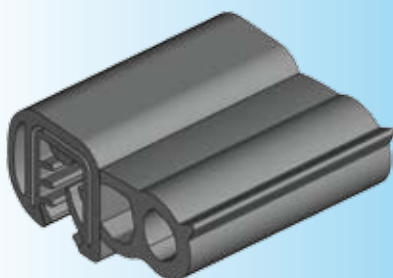


Steel spring core

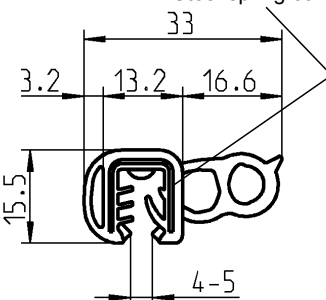


Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP322



Steel spring core

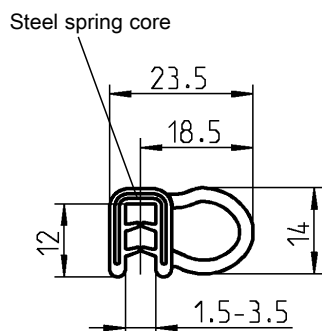
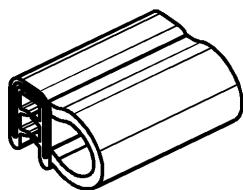


Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP417

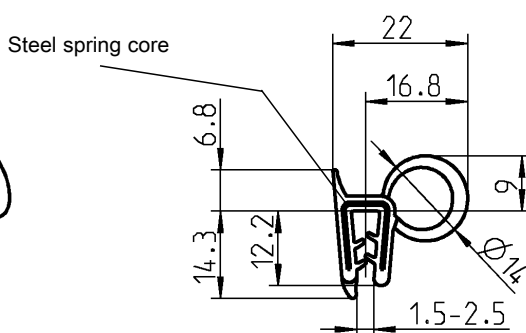
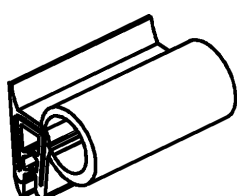
Self-gripping gasketing

PROGRAM 1011



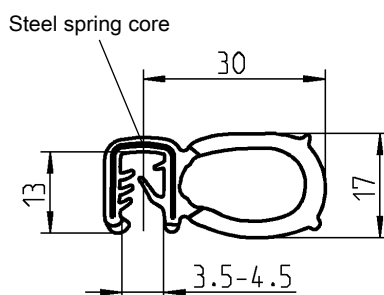
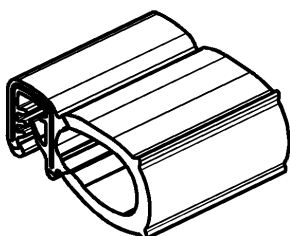
Sponge-rubber (EPDM) black (gasket EPDM 60° Shore A)

1011-HP91



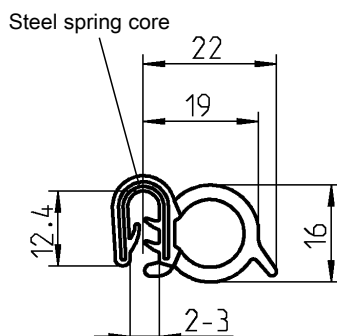
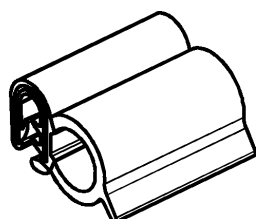
Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP433



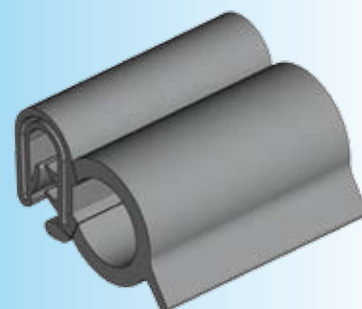
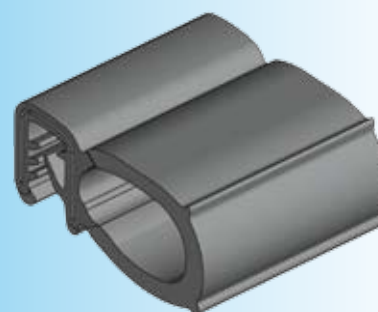
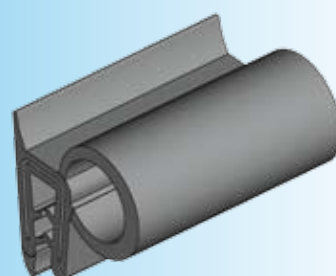
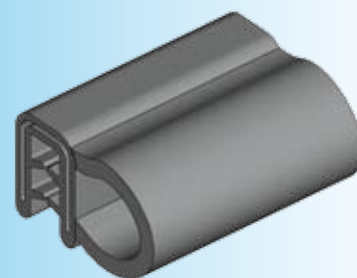
Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP480



Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP245



1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

8 Stainless steel

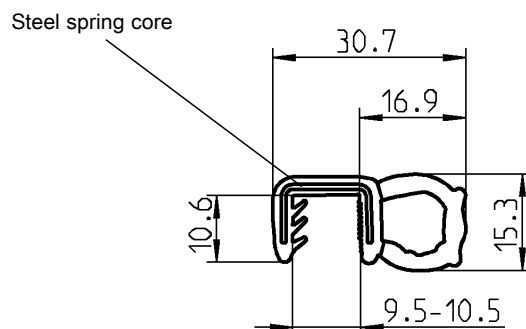
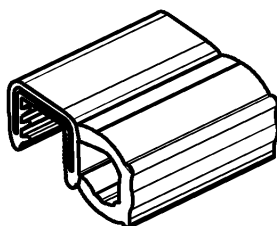
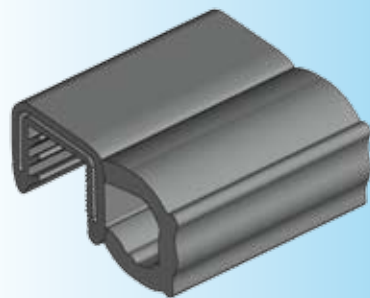
9 Latches

10 Air-conditioning

11 ELM Security Systems

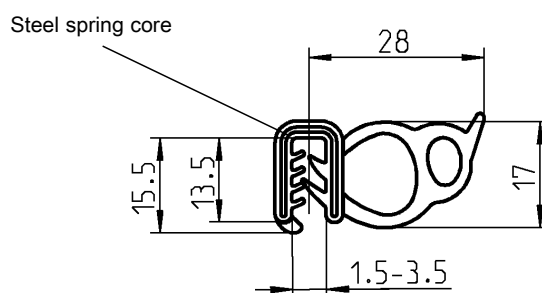
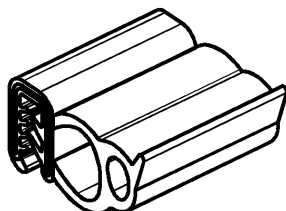
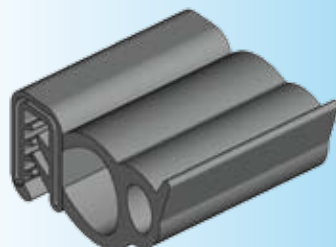
12 Miscellaneous

Self-gripping gasketing PROGRAM 1011



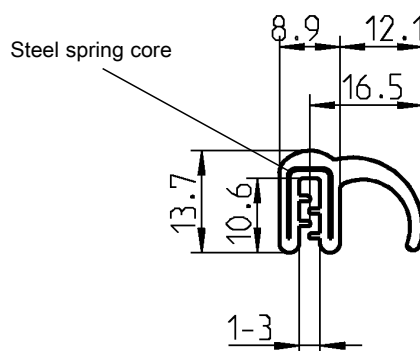
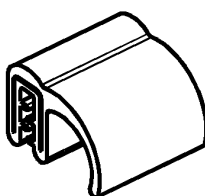
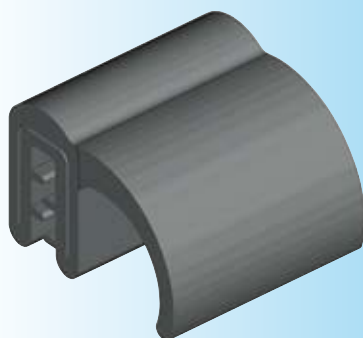
Sponge-rubber (EPDM) black (gasket EPDM 60° ± 5 Shore A)

1011-S52



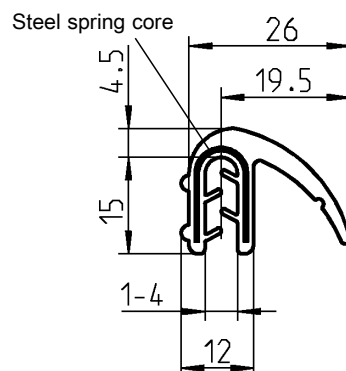
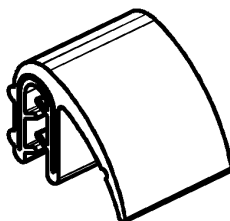
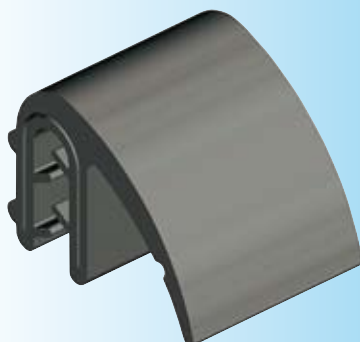
Sponge-rubber (EPDM) black (gasket EPDM 70° Shore A)

1011-HP266



Sponge-rubber (EPDM) black 25° Shore A(gasket EPDM 60° ± 5 Shore A)

1011-41

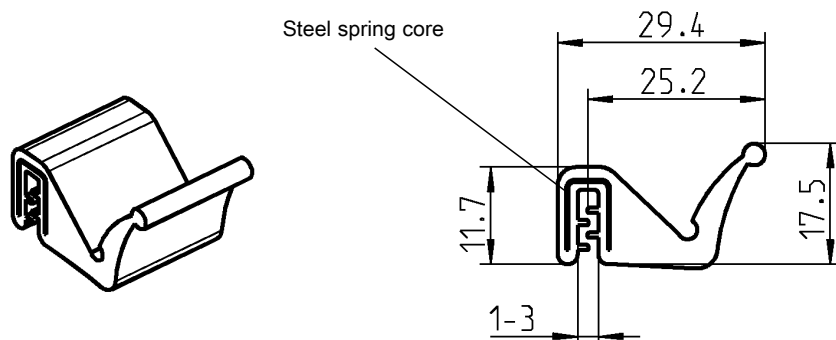


Gasket EPDM black 70° ± 5 Shore A

1011-40

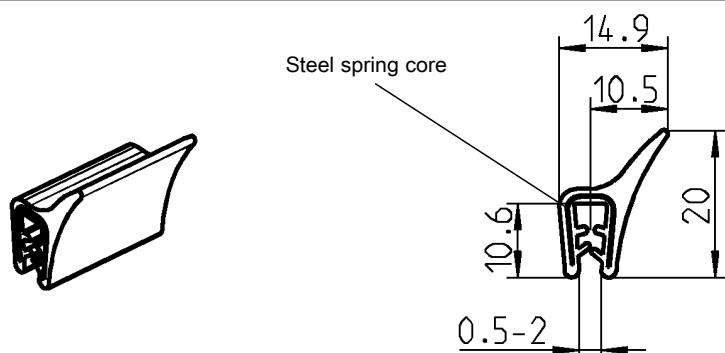
Self-gripping gasketing

PROGRAM 1011



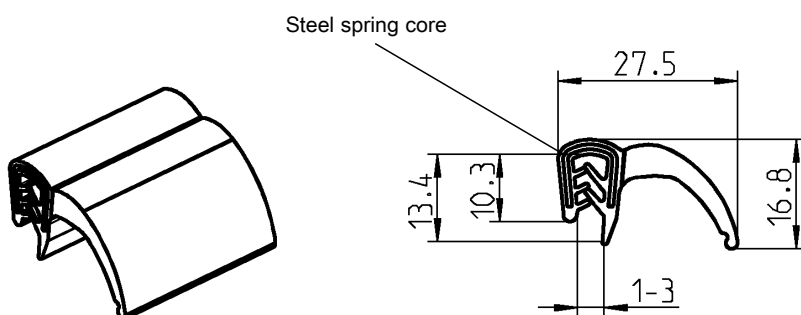
Gasket EPDM black 60° ± 5 Shore A

1011-35



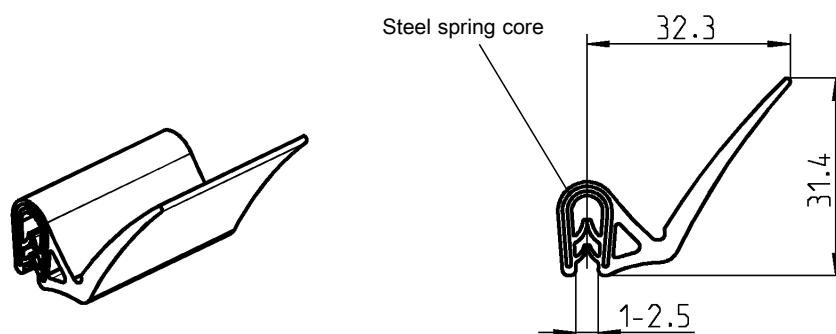
Gasket EPDM black 60° ± 5 Shore A

1011-44



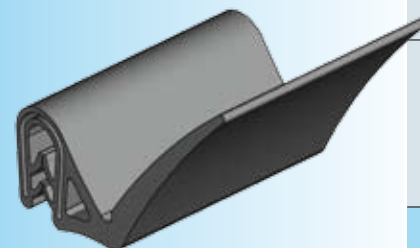
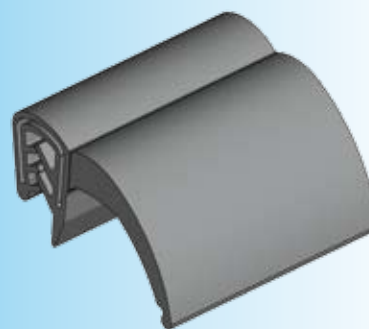
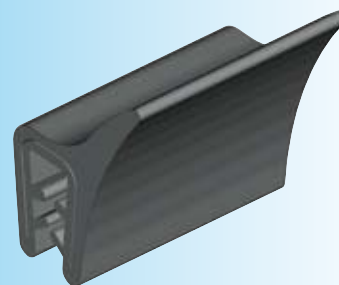
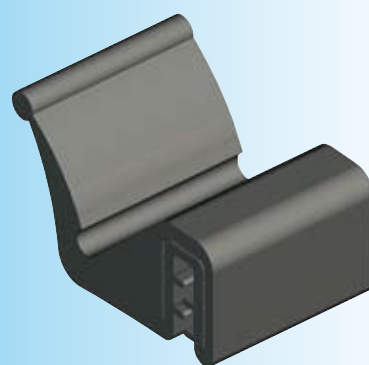
Sponge-rubber (EPDM) black (gasket EPDM 60° ± 5 Shore A)

1011-HP182



Gasket EPDM black 70° ± 5 Shore A

1011-HP293



1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

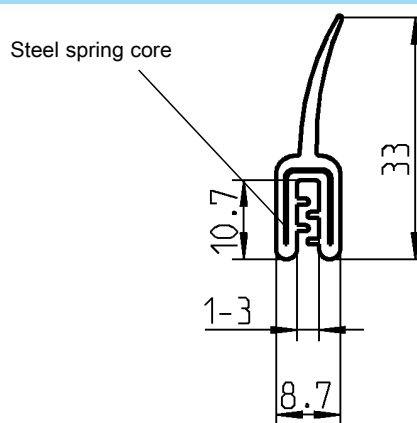
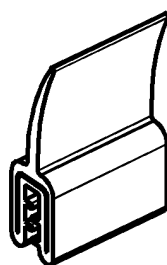
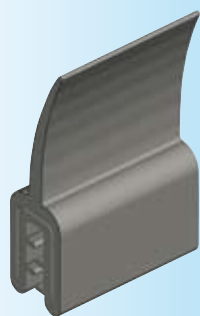
8 Stainless steel

9 Latches

10 Air-conditioning

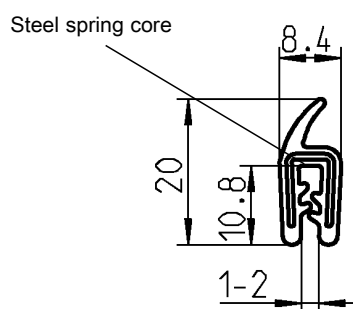
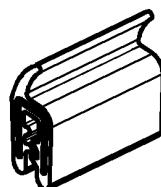
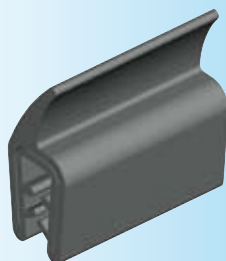
11 ELM Security Systems

12 Miscellaneous



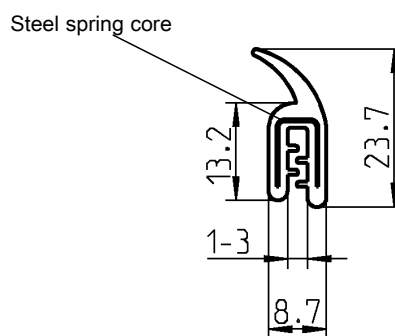
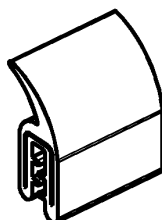
Gasket EPDM black 60° ± 5 Shore A

1011-30



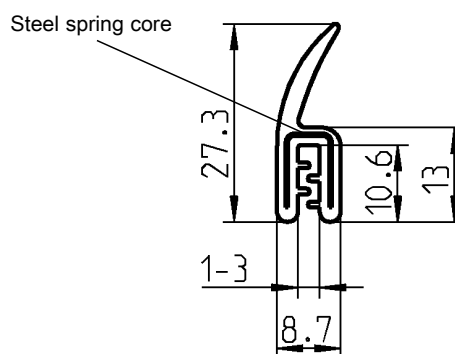
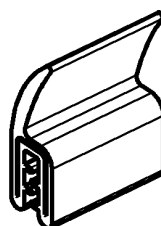
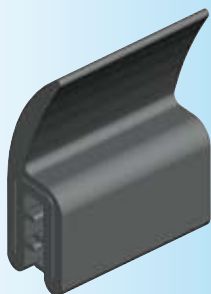
Gasket EPDM black 60° ± 5 Shore A

1011-31



Gasket EPDM black 60° ± 5 Shore A

1011-29

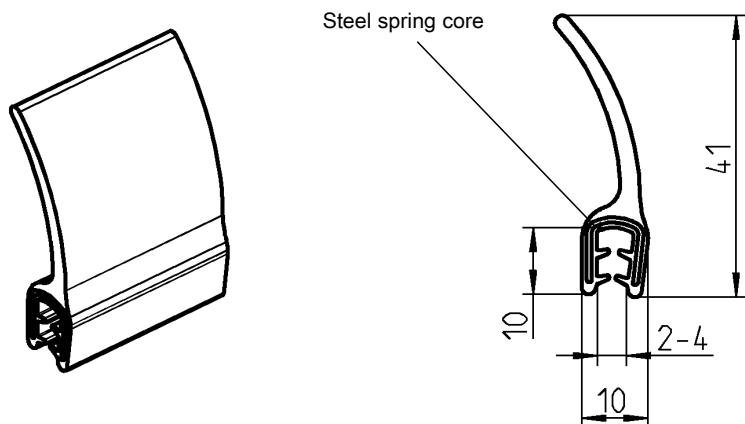


Gasket EPDM black 60° ± 5 Shore A

1011-32

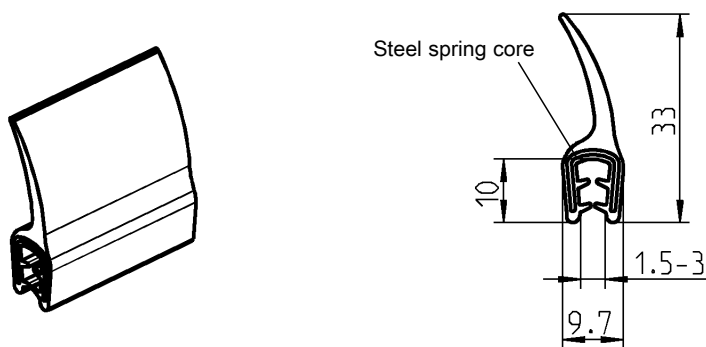
Self-gripping gasketing

PROGRAM 1011



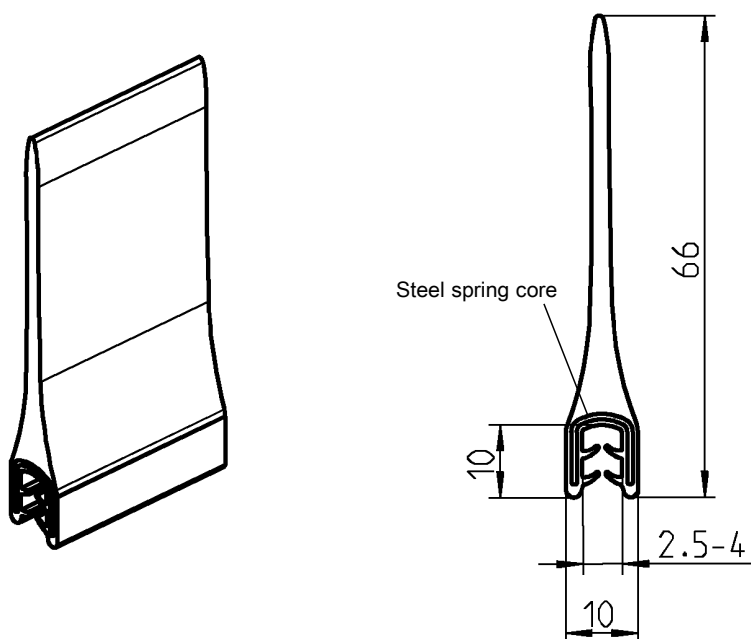
Gasket EPDM black 70° Shore A

1011-S54



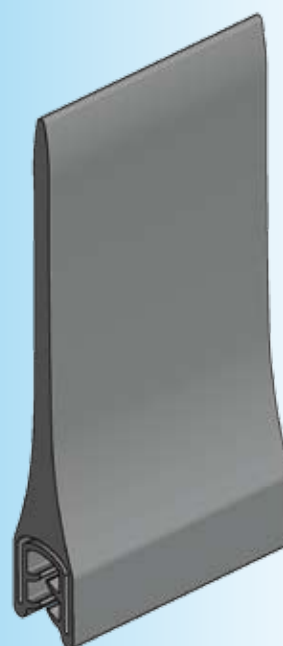
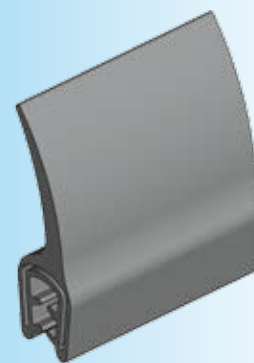
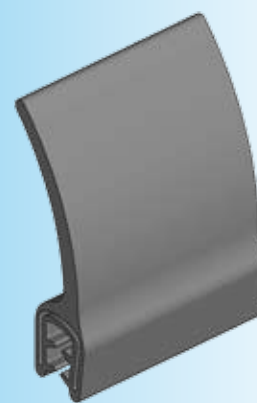
Gasket EPDM black 60° ± 5 Shore A

1011-HP476



Gasket EPDM black 60° Shore A

1011-HP613



1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

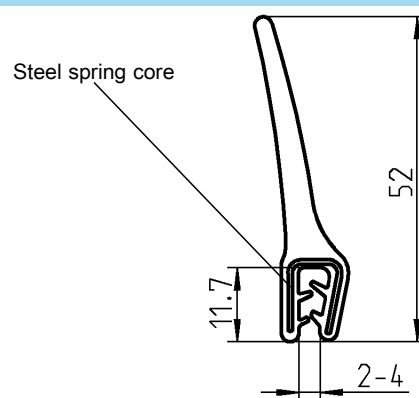
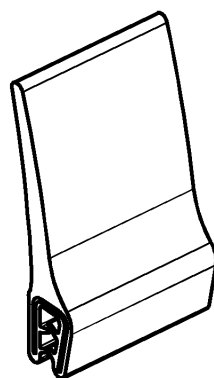
8 Stainless steel

9 Latches

10 Air-conditioning

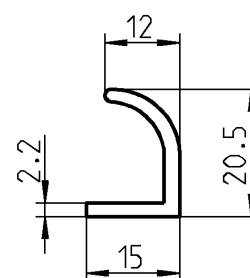
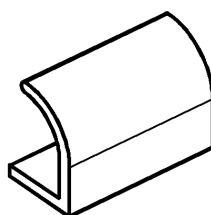
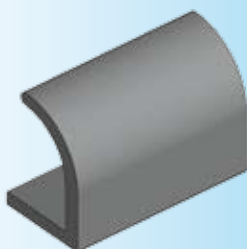
11 ELM Security Systems

12 Miscellaneous



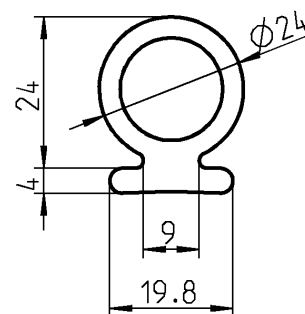
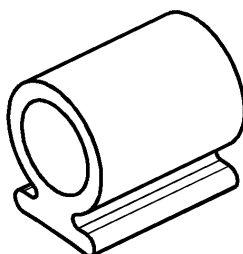
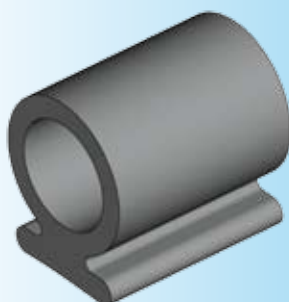
Gasket EPDM black 70° Shore A

1011-HP96



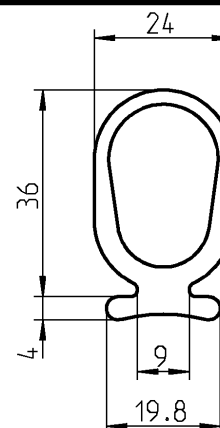
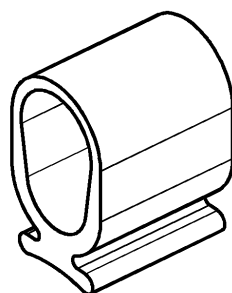
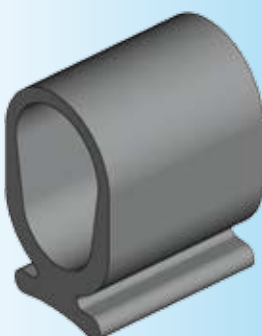
Gasket EPDM black 70° ± 5 Shore A

1038-HP418



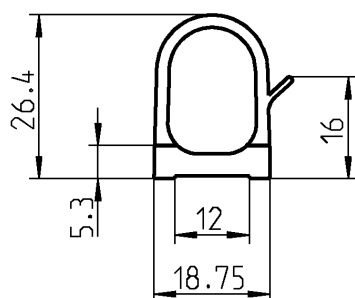
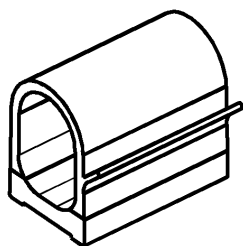
Gasket EPDM black 60° Shore A

1038-HP575



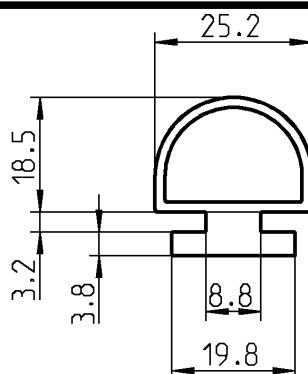
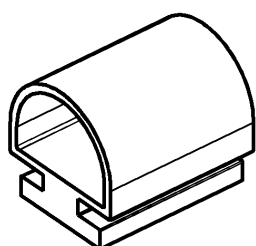
Gasket EPDM black 60° Shore A

1038-HP579



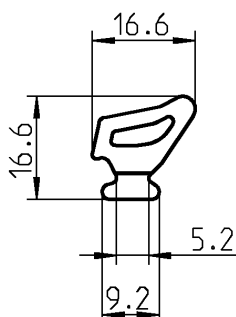
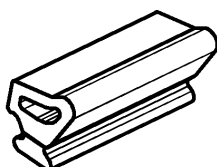
Sponge-rubber (EPDM) black (base profile EPDM 60° ± 5 Shore A)

1038-HP491



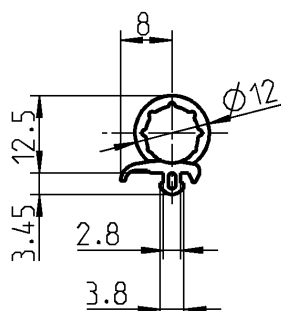
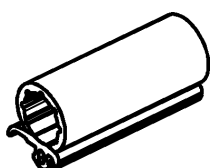
Gasket EPDM black 60° Shore A

1038-HP598



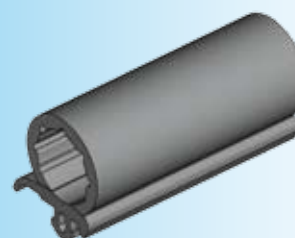
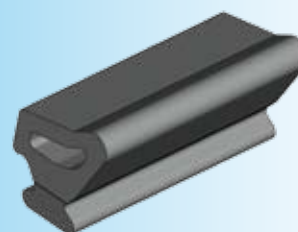
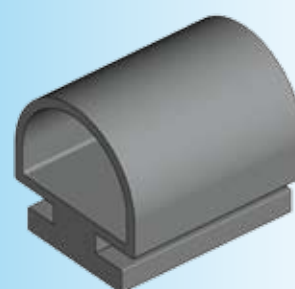
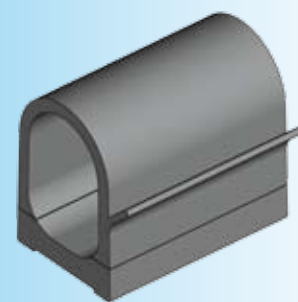
Sponge-rubber (EPDM) black (base profile EPDM 70° ± 5 Shore A)

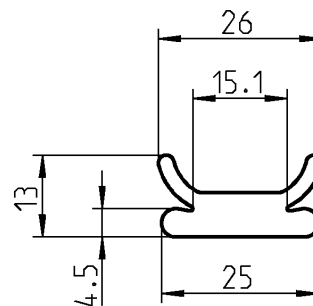
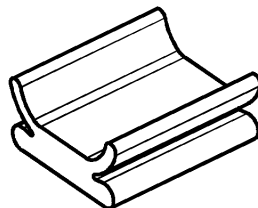
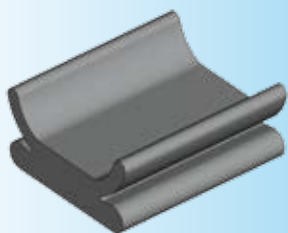
1038-HP507



Sponge-rubber (EPDM) black (base profile EPDM 70° Shore A)

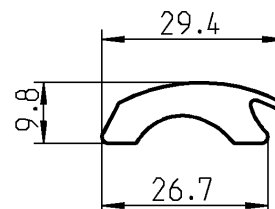
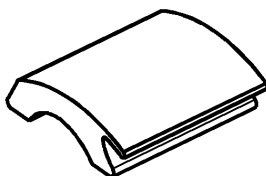
1038-HP384





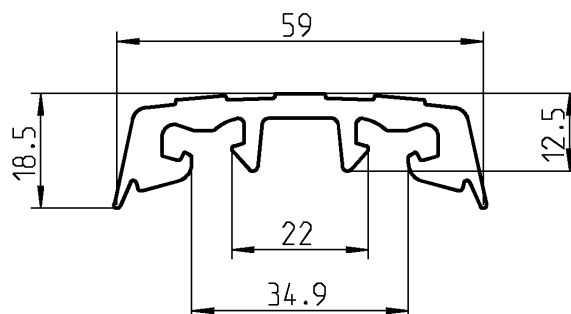
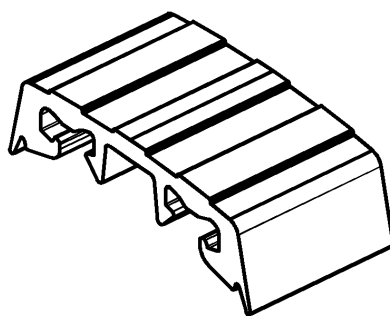
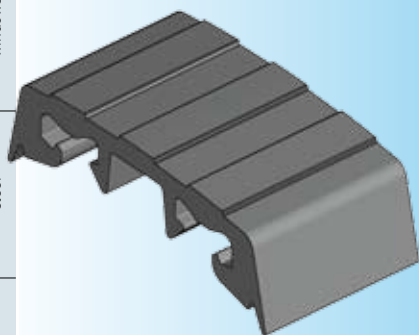
Gasket EPDM black 60° Shore A

1038-HP460



Gasket EPDM black 60° ± 5 Shore A

1038-HP218

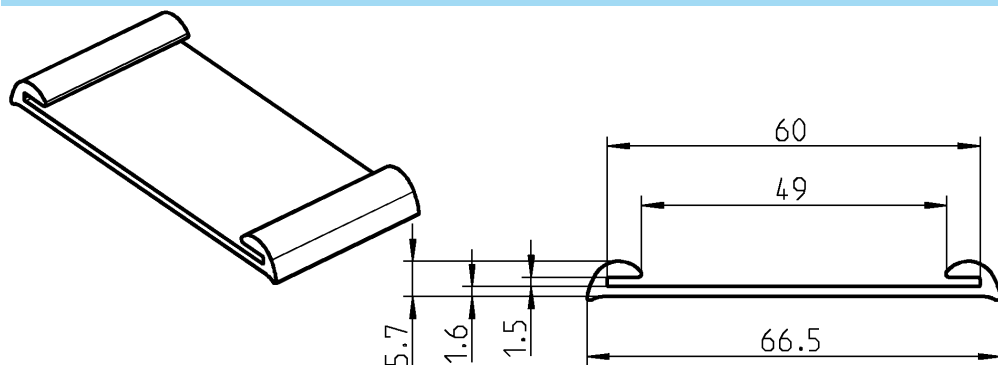


Cover profile EPDM 80° Shore A black

1038-HP351

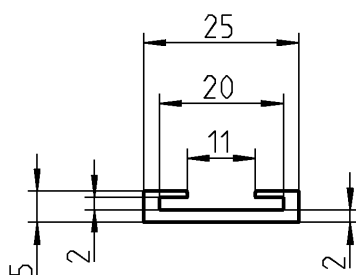
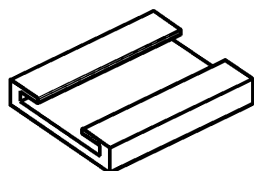
Support for tank straps

PROGRAM 1038



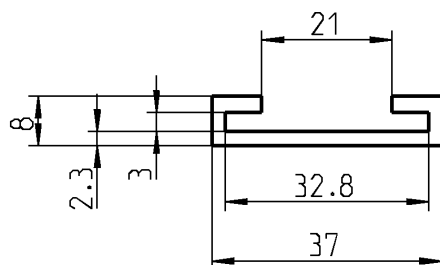
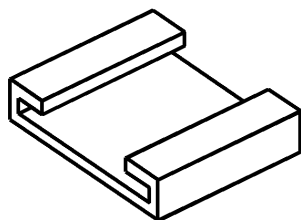
Support for tank bands EPDM 60° Shore A black

1038-HP437



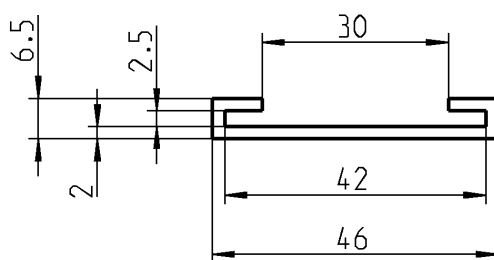
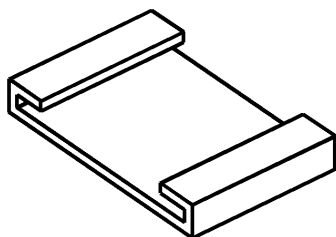
Support for tank bands NBR 70° Shore A black

1038-HP353



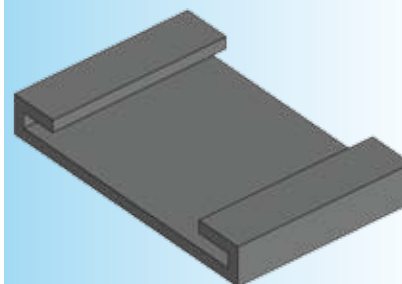
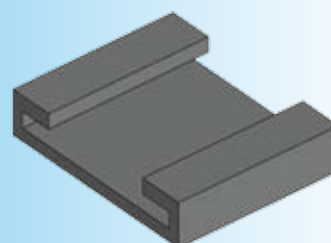
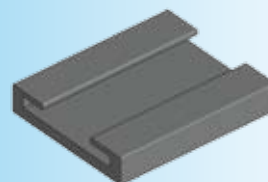
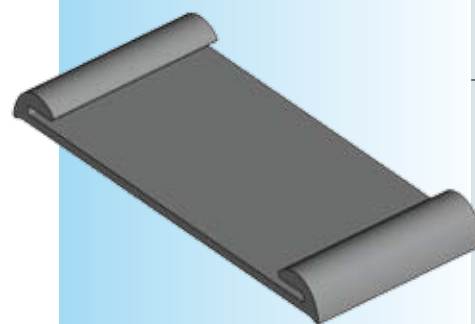
Support for tank bands NBR 70° Shore A black

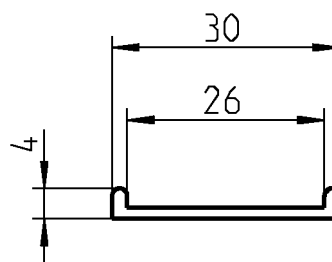
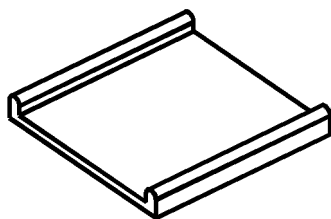
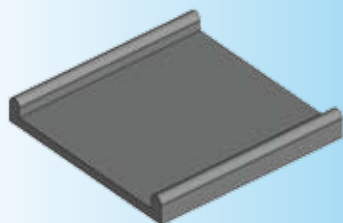
1038-HP298



Support for tank bands NBR 70° Shore A black

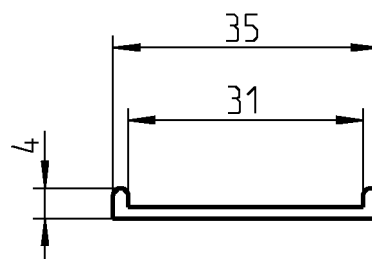
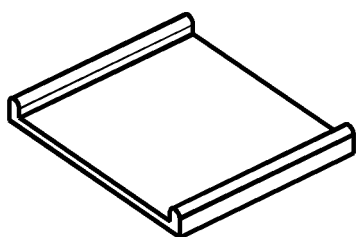
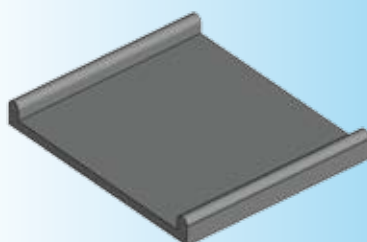
1038-HP299





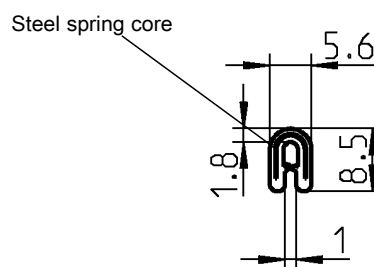
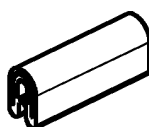
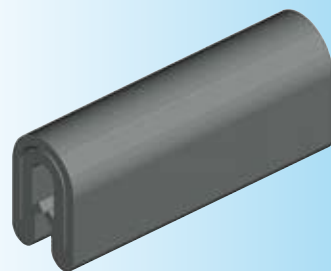
Support for tank bands NBR 70° Shore A black

1038-HP199



Support for tank bands NBR 70° Shore A black

1038-HP236



Edge protection PVC color of your choice

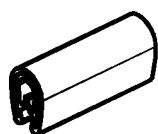
black

1010-03

grey

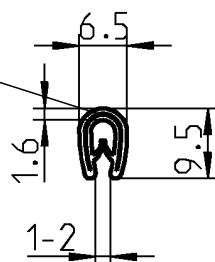
1010-03-01

Edge-protection PROGRAM 1010



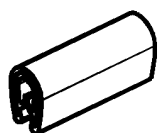
Temperature = -40°C to 90°C

Steel spring core

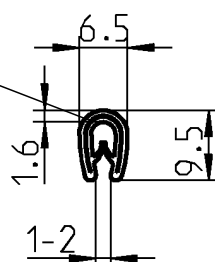


Edge-protection PVC black

1010-02



Steel spring core



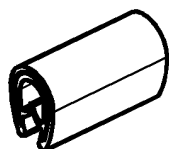
Edge protection PVC color of your choice

light-grey

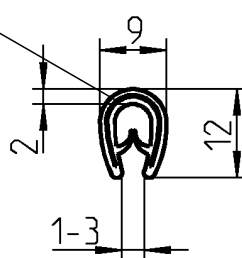
1010-04-01

silver

1010-04-02

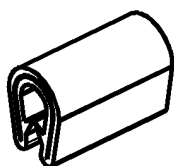


Steel spring core



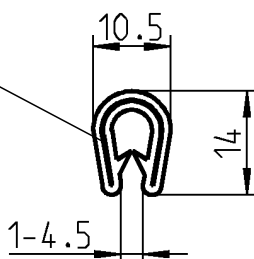
Edge-protection PVC black

1010-10



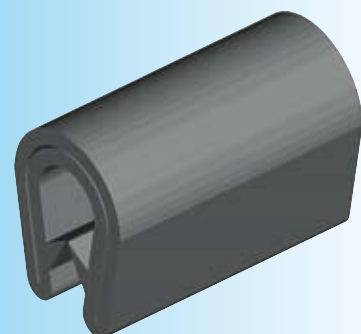
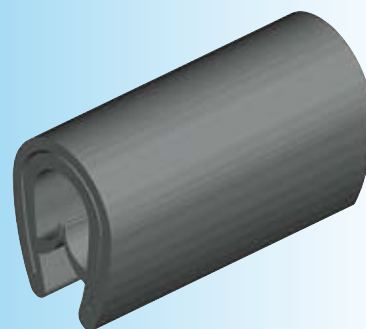
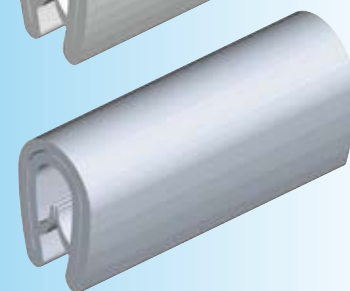
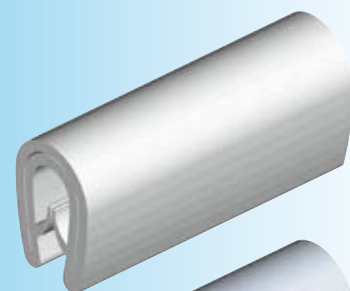
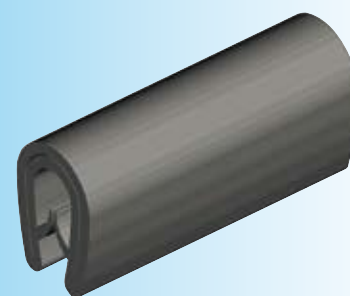
Temperature = -40°C to 90°C

Steel spring core

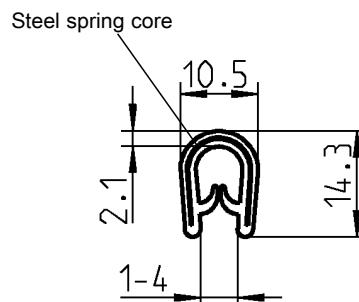
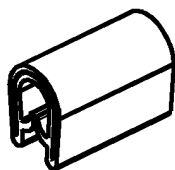
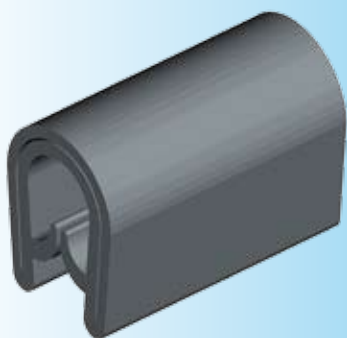


Edge-protection PVC black

1010-01

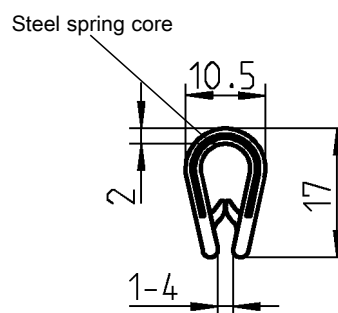
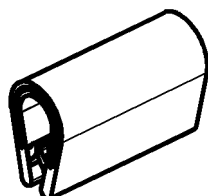
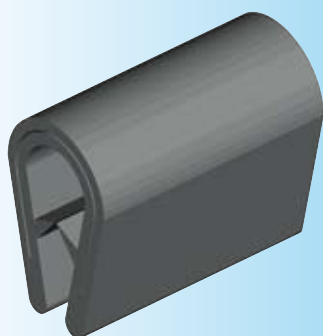


12F-2400



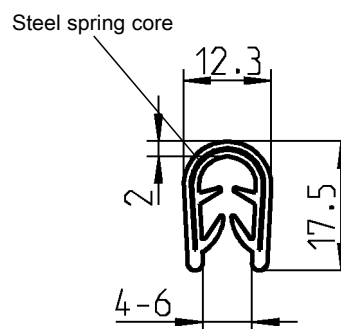
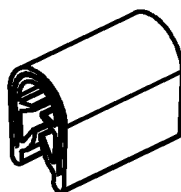
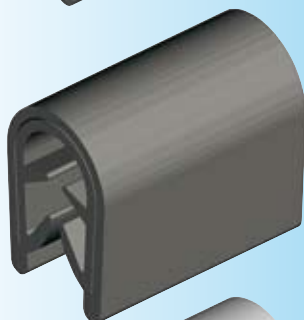
Edge protection PVC color of your choice

anthracite	1010-07-01
light-grey	1010-07-02



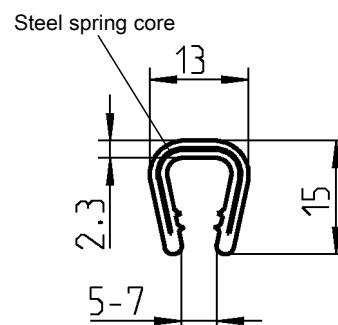
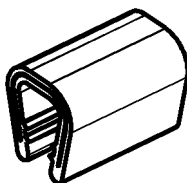
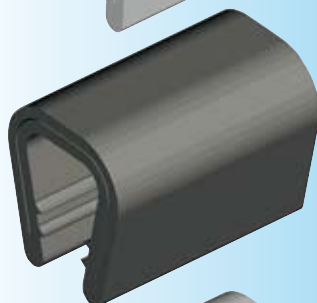
Edge-protection PVC black

1010-08



Edge protection PVC color of your choice

black	1010-11
light-grey	1010-11-01

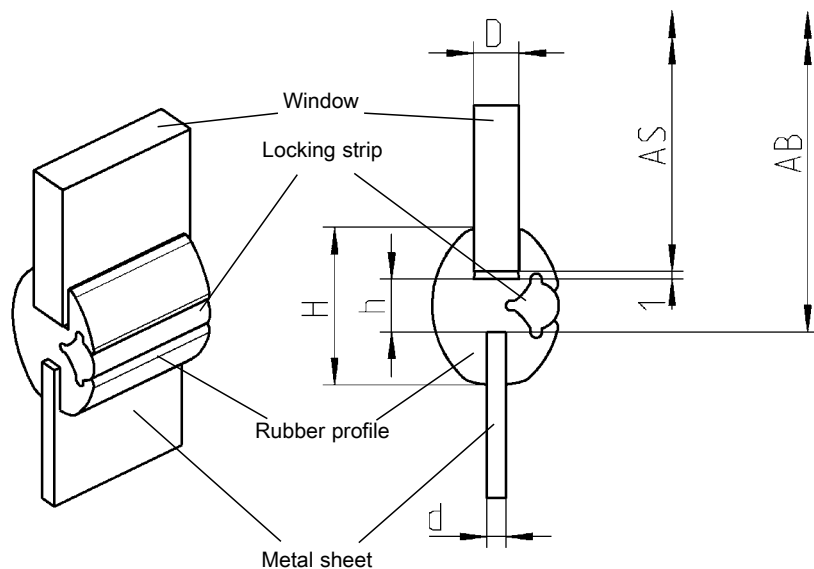


Edge protection PVC color of your choice

black	1010-06
light-grey	1010-06-01

Window-rubber with locking strip

PROGRAM 1030



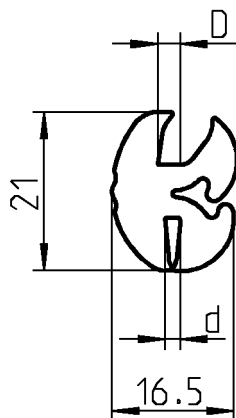
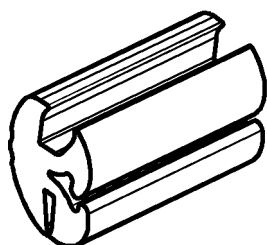
AS = dimension of the window
AB = dimension of the cut out

Rubber profile EPDM 75° ± 5 Shore Black
with locking strip EPDM 85° ± 5 Shore Black

D	d	H	h	Bending radius	AB in mm	Rubber profile	+	Locking strip
4	2	15	4	>30	AS+10	1030-01	+	1030-04
4	2,5	21	7	>70	AS+16	1030-02	+	1030-05
6	2,5	21	7	>70	AS+16	1030-03	+	1030-05
5	2	17	5	>50	AS+12	1030-07	+	1030-10

2 tools for installation for window and locking strip

1030-U1



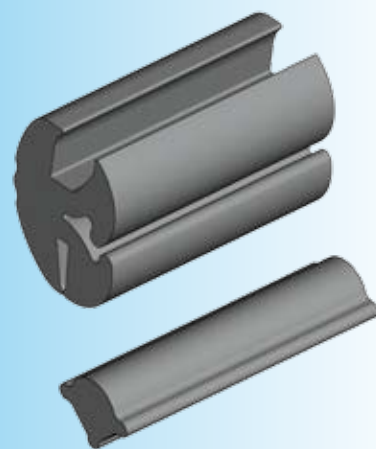
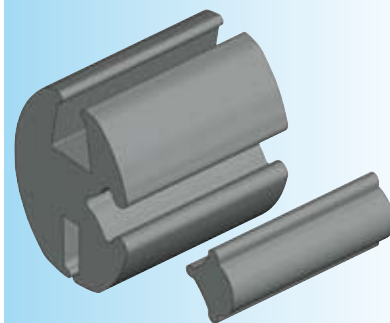
Rubber profile EPDM 70° Shore Black

D = 4 ; d = 1.5

1030-HP453

Locking strip EPDM 70° Shore black

1030-HP454



1 Quarter turns

2 Rod controls

3 Locking systems

4 Hinges

5 Gasketing

6 Handles

7 Aluminium windows

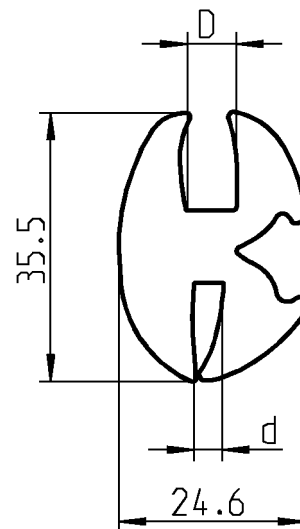
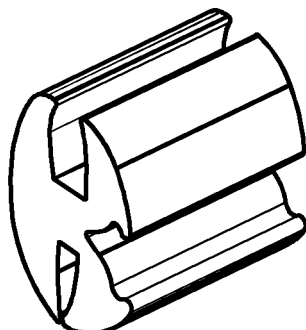
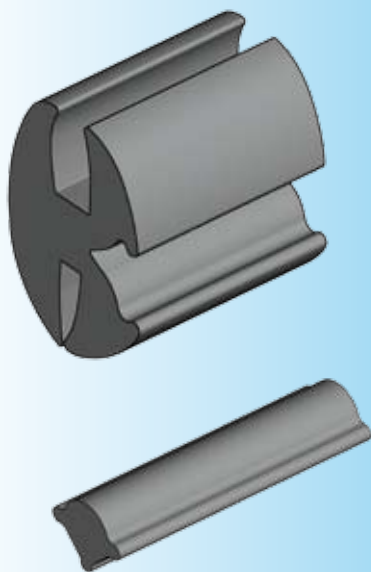
8 Stainless steel

9 Latches

10 Air-conditioning

11 ELM Security Systems

12 Miscellaneous



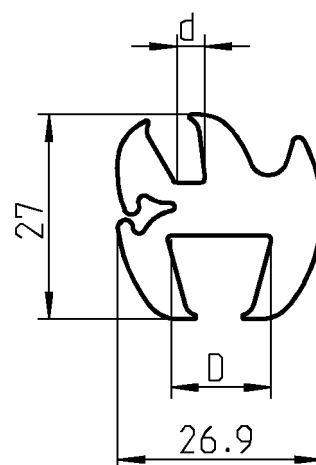
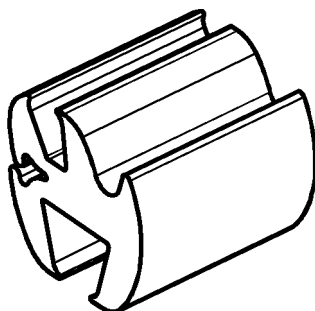
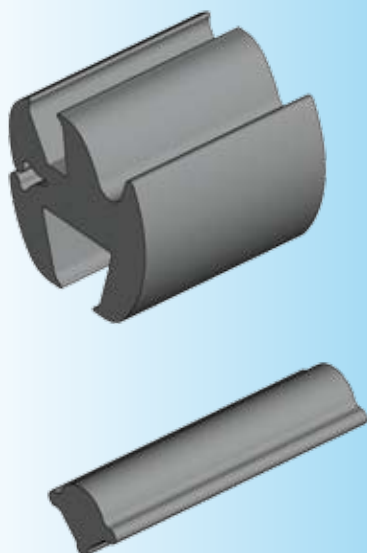
Rubber profile EPDM 70° Shore black

D = 6 ; d = 3.5

1030-HP488

Filler EPDM 70° Shore black

1030-HP454



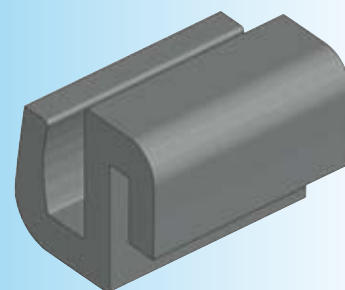
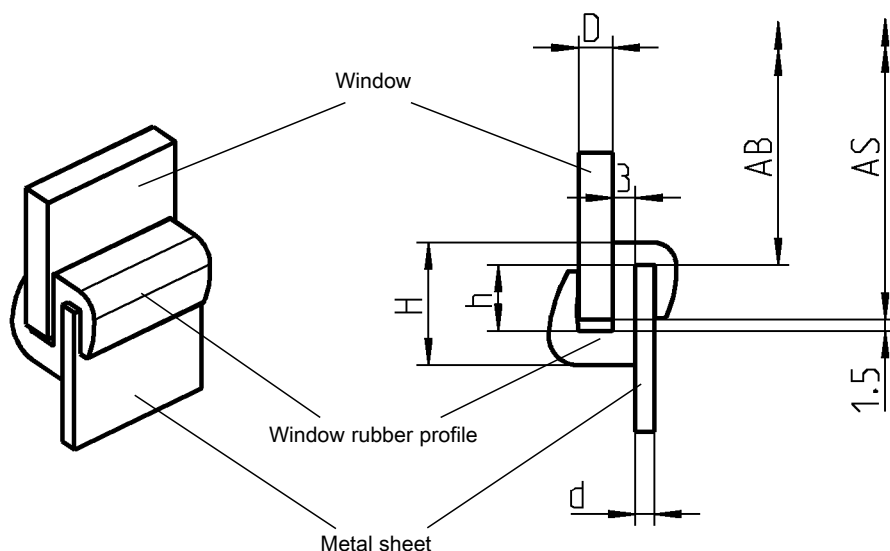
Rubber profile EPDM 70° ± 5 Shore black

D = 13 ; d = 3.5

1030-HP511

Filler EPDM 70° Shore black

1030-HP454



AB + 14,5 mm = AS
AS = dimension of the window
AB = dimension of the cut out

Window rubber profile

	D	d	H	h	Bending radius	Window rubber profile
EPDM black 60° Shore A	4	2	16,2	8,7	≥ 40	1074-01
NBR black 80° Shore A	4	2	16,2	8,7	≥ 40	1074-03
EPDM black 60° Shore A	6	2	16,2	8,7	≥ 40	1074-02
NBR black 80° Shore A	6	2	16,2	8,7	≥ 40	1074-04

Manufacturing plants international



The EMKA Group:
design, engineering, manufacturing

Headquarters: Velbert, D;
other manufacturing plants Wuppertal, D • Bourré, Henriville, F •
Gorazde, BIH • Arnedo, SP • Birmingham, GB • Tianjin, CN
The various production processes are spread across EMKA's manufacturing centres in line with economic and logistic considerations. With 8 manufacturing plants, producing more than 18,000 modular components, the ability to address specific needs is unmatched.



The EMKA group is present in more than 60 countries worldwide:

- 8 production facilities
- ca. 44 subsidiaries / agencies
- approx. 1.350 employees worldwide (2012)

Certifications for quality and environmental management:

- DIN EN ISO 9001
- DIN EN ISO 14001
- VDA 6 part 1 (ILS)
- ISO/TS 16949 (Sealing Systems)



Further parts see General Catalogue

Mechanical and Electronic Locking Systems for indoor and outdoor enclosures:

refer to EMKA main catalog, chapter 2, 3, 8 and 11

Hinges for prominent or flush doors:

refer to EMKA main catalog, chapter 4 and 8



Multi-point locking systems



Latch or bearing bush with cam

adjacent Lift-off or rapid door removal



concealed or exposed hinges

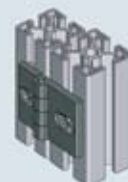
Swinghandles with combination locking



Keyed alike, keyed different and master key systems



Weld-on, mechanical attachment or quick assembly



made of polyamide, zinc alloy, steel or stainless steel



IP 65, NEMA 4 etc. sealing by Foam in Place gasket

90° - 270° opening angle



made of polyamide, zinc alloy, steel or stainless steel

Swinghandle according to "WK 2" Vandal resistance to DIN ENV 1627-1630

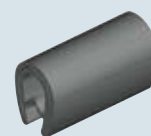


Rods, rod guides, catches and more



Wide product range of gasketing and edge protection:

refer to EMKA main catalog, chapter 5



Aluminium window with and without frame, pre-assembled or kit for self assembly

refer to EMKA main catalog, chapter 7



EMKA General Catalog



www.EMKA.com

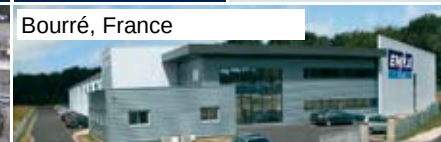
Velbert, Germany



Wuppertal, Germany



Bourré, France



Henriville, France



Birmingham, UK



Arnedo, Spain



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contact the EMKA headquarters.

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